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Viking Lander Imaging Investigation During Extended and Continuation Automatic Missions

Volume II - Lander 2 Picture Catalog of Experiment Data Record

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Kenneth L. Jones, Mary Henshaw, Christe McMenomy,
Andres Robles, Paul C. Scribner, Stephen D. Wall,
and Jackson W. Wilson

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National Aeronautics
and Space Administration

**Scientific and Technical
Information Branch**

1981

PREFACE

This publication in two volumes continues the documentation of images obtained by the Mars Viking lander imaging experiment. An earlier publication (NASA RP-1007) documents the images obtained during the initial 4 months (primary mission) of the mission from July 20, 1976, to mid-November 1976. The primary mission phase of the Viking Mission was terminated at the beginning of a 6-week occultation period when Mars passed on the far side of the Sun relative to Earth. During the occultation, radio noise induced by the solar corona made impractical the data transmission from the lander to Earth.

Volume I of this publication documents all images acquired by Viking Lander 1 (VL-1) following the end of the conjunction period in late December 1976 and continuing to mid-February 1979. Images acquired from late December 1976 through May 1979 by Viking Lander 2 (VL-2) are documented in Volume II. The mission phases contained in these two volumes were named the Viking extended mission (VEM), and the Viking continuation automatic mission (VCAM). During these phases, VL-1 acquired 1867 images (compared with 454 during the primary mission), and VL-2 acquired 1521 images (compared with 582). A few of these images (55 from VL-1 and 32 from VL-2), although commanded to the cameras, were not received on Earth for a variety of engineering and logistical reasons.

In the present two volumes, the format of the Primary Mission Catalog (NASA RP-1007) has been followed. They present the results of the procedures that were applied to the imaging data to produce an organized record as complete and as error-free as possible. The resulting set of digital data is called the experiment data record (EDR). These publications also contain reproductions of all images acquired by the Viking landers during the extended and continuation automatic missions. Skyline drawings display the outlines of the images as they appear in the viewing area relative to the structure of the lander. Also included is a computer-generated camera event report that lists supplemental information about the conditions under which the data were collected and how they were recorded and processed. In addition to this comprehensive report, additional computer listings group the images in a variety of ways. Included are several listings that were not part of the Primary Mission Catalog (NASA RP-1007) - images sorted by 10° boxes of solar azimuth and elevation, Phobos and Deimos images, twilight rescan images, and sky brightness images. In several cases, computer listings were augmented to include the primary mission.

A section on terminology is included to assist with the interpretation of the listings and the image interpretation. Several diagrams also provide assistance on this subject. Another section will enable the user to properly decalibrate the data. This publication acquaints the user with the imaging data that are available from the VEM and VCAM and the procedure to obtain photographic products.

A substantial part of the introductory text has been repeated without modification from NASA RP-1007. Although Robert Tucker is not an author of the present volumes, his contribution to their completion is enormous since he devised the format of the original catalog and shared his experience.

A large number of other individuals have made substantial contributions to this report. There are three major groups: the scientists who originally developed the science requirements for the design of the lander camera system and the acquisition of the data, the Lander Imaging Flight Team that, together with these scientists, implemented the mission plan for the lander camera system, and the group that participated specifically in the production of this report material.

The original Viking Lander Imaging Science Team consisting of Thomas A. Mutch, Team Leader; Elliott Levinthal, Deputy Team Leader; Alan B. Binder; Friedrich O. Huck; Sidney Liebes, Jr.; Elliot Morris; James A. Pollack; and Carl Sagan developed the science plans. This list was augmented to include Raymond E. Arvidson as Team Leader during the extended and continuation missions.

The Viking Lander Imaging Flight Team during the extended and continuation missions included the members of the Lander Imaging Science Team, as well as C. Ernest Carlston as resident team leader during the extended mission and Kenneth L. Jones as resident team leader during the continuation mission. The uplinking group within the team consisted of Deborah G. Pidek (lead), Elizabeth F. Buchan, William C. Eggemeyer, Sven U. Grenander, Edward A. Guiness, and Janet Shields. The downlinking group consisted of Kenneth L. Jones (lead), Mary E. Augostine, Joseph D. Gaunder, Linda Myers, Stephen Peters, Michael Rivero, and Stephen D. Wall.

The production of the report materials and the photographic records required the support of the facilities of the Image Processing Laboratory (IPL) at the Jet Propulsion Laboratory, under the direction of William B. Green. Many individuals at IPL contributed to the development of the final experiment data record. David Atwood, Deborah Spurlock, and Carol Stanley, under the direction of Susan K. LaVoie, were responsible for the preparation of the digital data record. Raim J. Quiros and Susan K. LaVoie prepared the EDR photographic data record. Donald J. Lynn, Ray J. Wall, and Arnold A. Schwartz supervised the overall lander imaging data processing at IPL.

Of the authors of the present volumes, Jackson Wilson, Mary Henshaw, and Christe McMenomy produced the computer catalog listings. Andres Robles prepared the photographic layouts, and both he and Paul Scribner prepared the layouts of the skyline drawings and azimuth coverage charts. Stephen Wall prepared the sections on calibration and assisted in final preparation. Kenneth Jones was responsible for the overall content and form of the catalog and for verifying the correctness of the contents of these publications.

CONTENTS

PREFACE iii

INTRODUCTION 1

ABBREVIATIONS 2

IMAGING EXPERIMENT 4

LANDER CAMERAS 4
Mechanical and Optical Design 4
Photosensing and Data Acquisition 5
Calibration 7
Contamination Cover Deploy 10

DATA TRANSMISSION 10

DATA BASE DEVELOPMENT 11

IMAGING EXPERIMENT COORDINATE SYSTEMS, TERMINOLOGY, AND LABELING . . . 11
Coordinate Systems 13
Camera Event Command Parameters and Lighting Conditions 13
Data Receipt Parameters 18
Photographic Products Fiducial Annotation 20

EXPERIMENT DATA RECORD PROCESSING AND PHOTOGRAPHIC PRODUCTS 21

127-mm (5-in.) PHOTOGRAPHIC PRODUCTS 21

MAGNETIC TAPE STORAGE 22
Label Records 24
Pixel Data Records 25

MICROFICHE 25

LABELING 25

PHOTOGRAPHIC PRODUCT PROCUREMENT 26

TEAM DATA RECORD 26

SELECTION OF CAMERA EVENT PARAMETER LISTS 26

CAMERA EVENT REPORTS 27

SUBSET LISTS 27

VL-2 "REPRO" IMAGES 30

IPL PICTURE IDENTIFIERS (EDR ORDER NUMBERS) 34

ELEVATION COVERAGE CHARTS 34

SKYLINE DRAWINGS 35

VIKING LANDER 2 EXPERIMENT DATA RECORD 36

VL-2 PARAMETER LISTS 36
VL-2 Camera Event Report 41
VL-2 Camera Events Not Received 187
VL-2 High-Resolution Camera Events in Event Order 191
VL-2 High-Resolution Camera Events Sorted by Sun Azimuth/Elevation . . 201
VL-2 Survey Camera Events 221
VL-2 Visual Color and Infrared Triplet Camera Events 225
VL-2 Color Triplet, IR Triplet, and Survey Camera Events Sorted by Sun Azimuth/Elevation 231
VL-2 Visual Color and IR Singlet Camera Events 249
VL-2 Blue Sky Brightness Camera Events 255
VL-2 Sun Imagery Camera Events 259
VL-2 Twilight Rescan Camera Events 269
VL-2 Other Rescan Camera Events 273
VL-2 Low Data Rate Camera Events 277
VL-2 Night Camera Events 281
VL-2 Calibration and Scan Verification Camera Events 285
VL-2 IPL Picture Identifiers (EDR Order Numbers) 291
VL-2 Elevation Coverage Charts 315

VL-2 SKYLINE DRAWINGS 349

VL-2 EXPERIMENT DATA RECORD IMAGES 385

REFERENCES 559

INTRODUCTION

The Viking Mission to Mars consisted of two spacecraft, each comprised of an orbiter and a lander. Each spacecraft was launched by a Titan III/Centaur rocket, the first on August 20, 1975, and the second on September 9, 1975, and placed in orbit around Mars on June 19, 1976, and August 7, 1976, respectively.

Viking Lander 1 separated from its orbiter and touched down on the surface of Mars on July 20, 1976, at 1613 relative to local Mars midnight. The landing site is on the western slopes of Chryse Planitia at 22.483° N and 47.94° W (aerographic coordinates). Viking Lander 1 faces in a southeasterly direction (141.91° clockwise from north as defined by the side of the lander on which the two cameras are mounted). The lander deck is tilted 3° downward in the direction 285.18° clockwise from north.

Viking Lander 2 touched down at 0948 relative to local Mars midnight on September 3, 1976, at a landing site in the Utopia Planitia region at 47.968° N and 225.71° W. It faces in the direction 29.13°. The lander has a tilt of 8.21° downward in the direction 277.7° from north.

The Viking lander imaging investigation used a pair of cameras on each of the two landers to characterize the scene at the two sites. Reference 1 presents a catalog of the images obtained during the initial 4 months of the mission from July 20, 1976, to mid-November 1976. Volume I of this publication presents a catalog of imaging data acquired by Viking Lander 1 between late December 1976 and mid-February 1979. Volume II presents a catalog of imaging data obtained by Viking Lander 2 between late December 1976 and mid-November 1978. Additionally, the computer listings have been augmented to include all images acquired through mid-May 1979. At the end of these periods, Viking Landers 1 and 2 began the Viking survey mission, described in more detail in reference 2. The various mission phases are summarized in table 1.

TABLE 1.- VIKING LANDER MISSION PHASES

Mission phase	VL-1 images	VL-2 images
Primary mission	12A001 to 11B122[a]	22A001 to 21C070[a]
Reduced mission	11B123 to 12B198[a]	
Extended mission	11B199 to 12I039	21C071 to 22H093
Continuation mission	11I040 to 12J017	22H094 to 22I095
Survey mission	12J018 to (b)	22I096 to 22I150[c]

[a]Described in reference 1.

[b]Viking Lander 1 mission will continue until the lander ceases to operate.

[c]Viking Lander 2 ceased transmitting useful imaging data in February 1980.

In addition to the imaging experiment, eight other areas of scientific investigation were supported by the lander: biology, molecular analysis, inorganic chemical analysis, meteorology, seismology, magnetic properties, physical properties, and radio science. Portions of the imaging experiment supported these other investigations.

Once received on Earth, the digital imaging data are used to reconstruct the images. Sometimes, communication strategies result in a set of imaging data being received more than once. Selection and merging operations are performed to develop the most error-free record of the data, which is termed the experiment data record (EDR).

The data are stored on magnetic tape and are converted by means of various recording devices to photographic media. Film negatives are produced and are used to make positive transparencies, positive prints, and microfiche photographic products. These photographic products and magnetic tapes constitute the experiment data record of the Viking lander imaging investigation and are described in this publication.

Also included in this publication are computer-generated camera event reports that list supplemental information about the conditions under which the images were collected and how they were processed and recorded. In addition to skyline drawings that display the outlines of images as they appear in the viewing area, listings are included which group the images in a variety of ways, as by time of day, for example.

ABBREVIATIONS

AZ	azimuth
BB	broadband
bps	bits per second
CACCS	camera-aligned camera coordinate system
CE	camera event
CLR	color
DCS	dark current subtractor
DIGIFAX	digital facsimile printing device
DN	data number
DSN	Deep Space Network
EDR	experiment data record
EL	elevation

FOVLIP	first-order Viking lander image processing
GCMS	gas chromatograph-mass spectrometer
GMT	Greenwich mean time
IPL	Image Processing Laboratory
IPL PIC ID	Image Processing Laboratory picture (photograph) identifier
IR	infrared
ISDR	intermediate system data record
JPL	Jet Propulsion Laboratory
LACCS	lander-aligned camera coordinate system
LACS	lander-aligned coordinate system
LLD/T	local lander day/time
LLT	local lander time
LSEQ	lander sequencing software
MTIS	mission and test imaging system
MTPS	mission and test photographic system
N	north
PDA	power distribution assembly
POS.	positive
PSA	photosensor array
RESTIMG	restore image data
RT	real time
RTG	radioisotope thermoelectric generator
SB	S-band
SDR	system data record
sol	Mars solar day
SUR,SURV	survey

SYS	system
TDR	team data record
TLMP	telemetry processing
TRANS.	transparencies
UHF	ultrahigh frequency
UTC	coordinated universal time
VCAM	Viking continuation automatic mission
VEM	Viking extended mission
VICAR	video information classification and retrieval
VIS	visible
VL	Viking lander
VLLOG	Viking lander logging
VMCCC	Viking mission control and computing center
λ	wavelength, μm
!!!	Survey Triplet camera event

IMAGING EXPERIMENT

LANDER CAMERAS

The Viking lander cameras are facsimile type instruments. A mirror, which nods in elevation and rotates in azimuth, sweeps the field of view over an array of 12 selectable photodiodes (ref. 3). The pair of cameras on each lander are mounted 0.813 m apart and view the scene from a nominal height of 1.3 m.

Mechanical and Optical Design

The mirror nods on a horizontal axis which itself pivots on a vertical axis. This scanning mechanism provides for vertical scan lines acquired in the direction from low to high elevation. During the vertical scan, the acquisition of picture elements (pixels) is such that the separation between pixel centers equals the azimuth step size in degrees, either 0.04° or 0.12° depending on the command. This results in a 20.48° vertical field of view for a 0.04° azimuth step size and a 61.44° view at a 0.12° step size. The starting and stopping azimuths can be commanded in increments of 2.5° over a range of 342.5°. The elevation pointing angle (the center of the elevation scan) can be commanded

in 10° increments such that the field of view extends from -60° to 40° relative to the plane of the lander. The light that is reflected by the mirror is imaged by an achromatic triplet lens onto the photosensor array. This lens has an aperture of 9.95 cm and a focal length of 5.37 cm.

Care must be taken in interpreting the images produced by such a camera when the picture elements (pixels) are displayed in a conventional rectilinear coordinate system (as used in the image reconstruction). Straight lines in the original scene are not, in general, reconstructed as straight lines in the resulting image. (The conventional perspective camera preserves straight lines.)

Photosensing and Data Acquisition

Twelve silicon photodiode sensors are command selectable and provide for a selection of spectral response and angular resolution. Interference filters associated with six of the diodes provide for three visual color bands (red, green, and blue) and three near-infrared spectral bands (IR1, IR2, and IR3). These bands have instantaneous fields of view of 0.12°. Four diodes (BB1, BB2, BB3, and BB4) with an instantaneous field of view of 0.04° and nominally associated with the 0.04° step size are placed at different distances from the lens for focus selection (1.9, 2.7, 4.5, and 13.3 m) resulting in an overall depth of field from 1.7 m to ∞. One diode (survey) has no filter and is used for black and white panorama imaging utilizing the 0.12° step size. The Sun diode has a 0.12° instantaneous field of view and a red filter for solar imaging. Figure 1 shows the spectral characteristics of the diodes. The BB (broadband) curve applies to diodes BB1, BB2, BB3, BB4, and survey. Table 2 is a summary of the spatial characteristics of the camera. (See ref. 3.)

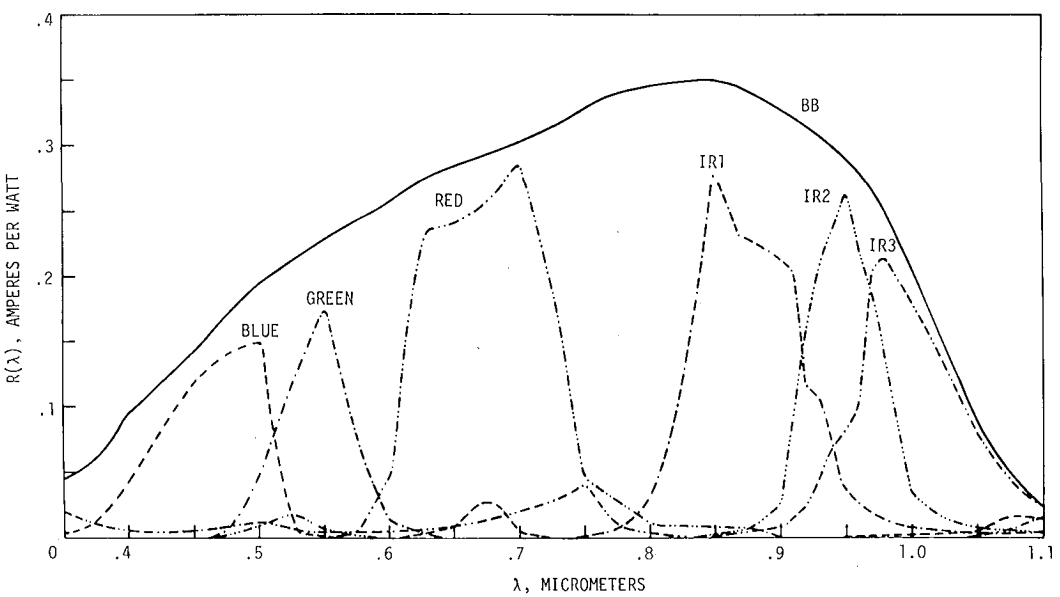


Figure 1.- Spectral response R(λ) characteristics of photosensor array.

TABLE 2.- CAMERA CHARACTERISTICS

Characteristic	Survey	Color and IR	High resolution
Instantaneous field of view, deg	0.12	0.12	0.04
Picture element registration error, deg	±0.036	±0.013	±0.006
Absolute angle error:			
Elevation, deg	±0.3	±0.2	±0.2
Azimuth, deg	±0.15	±0.1	±0.1
Frame width:			
Elevation, deg	61.44	61.44	20.48
Azimuth (min; max), deg	2.5; 342.5	2.5; 342.5	2.5; 342.5
Field of view:			
Elevation, deg	100; from 40° above to 60° below horizon in 10° steps		
Azimuth, deg	342.5; in multiples of 2.5° steps		
Geometric depth of field, m	1.7 to ∞	1.7 to ∞	1.7 to ∞
In-focus distance, m	3.7	3.7	1.9, 2.7, 4.5, and 13.3
Picture elements per line	512	512	512
Bits per picture element	6	6	6
Bits per degree azimuth	2.84×10^4	8.53×10^4	8.53×10^4
Time per degree azimuth:			
Rapid scan, sec	1.84	5.52	5.52
Slow scan, min	2.0	6.0	6.0

An internal light source with four selectable intensities permits calibration information to be gathered before and/or after a scene has been imaged. The calibration data have a camera event label associated with them and are treated in the data management system as a separate camera event. There is also a light source external to the camera in the protective post for use in scan verification.

Multispectral imaging (nominal color or infrared) is accomplished by alternately selecting three diodes (either blue, green, red, or IR3, IR2, IR1) for three vertical scans at each azimuthal position with, nominally, a 0.12° step. The data are thus gathered for each diode, or spectral band, in an interleaved fashion. The data management system separates these interleaved images prior to storage in the experiment data record. A total of 19 (17 received, 2 not received) nonnominal survey triplet (SUR, SUR, SUR) images, in which these successive scans are repeated with the survey diode, were commanded during the VL-2 continuation mission. These images were used to "erase" the tape-recorder tracks - specifically, they were used to erase old meteorology data so that there would be no ambiguities in the meteorology time word. Since these erase images were subsequently overwritten with new meteorology data prior to tape recorder playback, each of the three individual parts of the survey triplets contained numerous missing lines. However, once received on Earth, the three parts of the triplets were recombined to form a single merged data set. An example of such an image is 21H100/632. These images are indicated by having the diode field as "!!!".

The camera electronics provide a 6-bit pixel value for each point scanned. (This value is later changed to 8 bits after receipt on Earth; see section "Pixel Data Records.") However, before the analog-to-digital conversion takes place, a dark current subtraction is made in which a previously acquired dark current from the photosensor is subtracted from the signal current. Although the option exists to inhibit this subtraction, the option was not implemented for any images during the mission (reference to this option has been deleted from the listings of command parameters). The dark current is evaluated every 64 scan lines; therefore, a noticeable vertical banding effect results in images taken at low gain numbers.

The dynamic range of the 6-bit (64 levels) encoding scheme is extended by using 6 commandable linear gains and 32 offsets. The gains and offsets associated with each camera event are listed in the section "VL-2 Camera Event Report." Figure 2 (ref. 3) shows the approximate relationship between the digital pixel values and the photosensor array output voltage for the available gains and offsets. For actual data decalibration, however, the formula in the calibration section should be used.

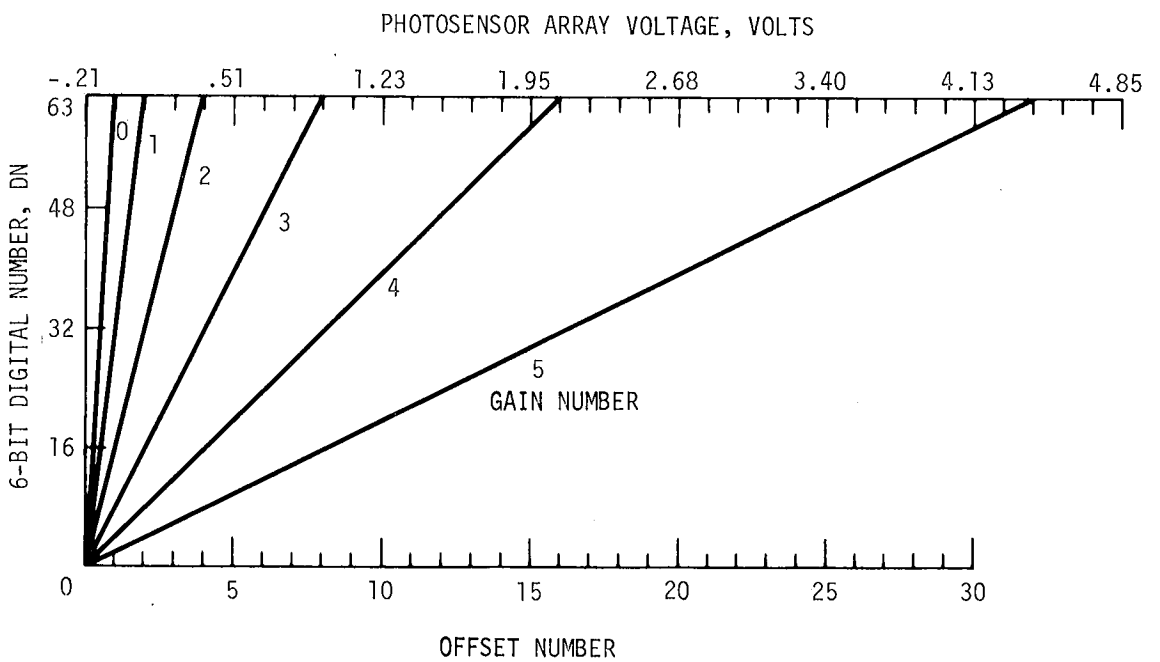


Figure 2.- Camera gains and offsets.

Calibration

Any quantitative use of the Viking lander camera data must involve consideration of the camera calibration. As noted previously, the image products

presented are reconstructed with a geometric distortion which must be considered when measurements are taken from them. In addition, geometric calibration data indicate azimuthal "bolt down" and coning errors on the order of 1°. Both geometric and photometric calibration procedures were performed during the development of the camera system. Geometric calibration procedures are given in reference 4. When radiance levels (pixel data numbers) are to be compared between camera events, radiometric decalibration must be performed. The camera sensitivities are a function of both time and temperature and these effects must be decalibrated if the camera events are widely spaced in either of those parameters. However, neither the EDR image data stored on magnetic tape nor those shown in the EDR photographic products and parameter lists have had any decalibration processing applied to them. Details of the radiometric calibration are described in references 3, 4, and 5. The geometric calibration is still in progress.

Reduction to PSA voltage.- Pixel data numbers, often referred to as "DN's," are generated in the cameras as numbers determined by the radiance received by the camera, the diode/filter/preamplifier combination (channel) selected, and the selected gain and offset. The voltage generated at the output of the photosensor array ("PSA volts") is a more convenient measure of the radiance of each pixel since it is linearly proportional to the radiance received and the proportionality constant is only dependent on channel, time, and PSA temperature. PSA voltage can be calculated as

$$V = \frac{2^{g} D}{4K_g} + K_{co}(O) + K_o$$

where

V PSA voltage, volts

g commanded gain number (8 bit, as on EDR tapes)

D pixel data number

O commanded offset number

and K_g, K_{co}, and K_o are camera-dependent constants as follows (ref. 3):

Lander	Camera	K_g, DN/V	K_{co}, V	K_o, V
1	1	444.321	0.14410	0.204
1	2	442.135	.14469	.209
2	1	447.634	.14583	.222
2	2	448.111	.14389	.217

PSA voltages calculated in this way can be compared directly if the camera events involved are not separated widely in either time or PSA temperature. If they are, decalibration must be done as described in the following section. Of course, proper consideration must still be given to different spectral regions, changing surface irradiance, and other factors when interpreting the meaning of the decalibrated data.

Compensation for time and temperature differences using internal calibration.- Internal calibration provides a means to test performance of the photosensor array and the associated video processing electronics. As the name implies, this calibration is entirely internal to the camera and requires no outside illumination. The basic idea of the internal calibration is to measure the response of each diode to a reference radiance source so that changes in diode response can be measured and corrected for in the image data. When the calibrate command is issued, a black flag is placed over the lens to prevent outside light from striking the photosensors. Eleven of the 12 photosensors are then commanded on in sequence, and about 5 lines of data are taken. During this time a small pinlight mounted above the photosensor array is turned on, so that the response of each sensor to both no light and to a controlled source of light is recorded. The Sun diode, channel 4, shows no response to the light.

Calibration sequences have been run for all four cameras during the entire landed mission, and raw data from these are included in the EDR tapes. In addition, the calibration tape (FN0083 for VL-2) contains reduced calibration data as a function of both PSA temperature and time. Data reduction on this tape used the "delta" method. The format for this tape differs slightly from the normal EDR tape format. The tape contains only one VICAR label with records 360 characters in length, each containing five 72-character text lines in extended binary coded decimal interchange code (EBCDIC). This text explains the calibration procedure and gives values for constants A_0, A_1, and τ which can be used in the following equation to decalibrate imagery taken at any sol and temperature:

$$V = VX(A_0 + A_1(T))(\exp(-t/\tau))$$

where

V equivalent camera voltage at sol 0, temperature DN 30

VX actual camera voltage taken at sol t, temperature DN T

T PSA temperature DN

t sol number for lander in question

PSA temperature DN is the 6-bit number returned by the camera to indicate the internal temperature at the photosensor array and is related to the actual temperature in ^{o}C by

$$^{o}C = 2.089DN - 62$$

Contamination Cover Deploy

There are two transparent protective windows in each camera. The outermost window can be deployed on a "one time only" basis by commanding the camera to move to 340° azimuth; thus, a switch is triggered which causes the window to swing aside. These outer windows were included to provide for the possibility that the window might either be sand-blasted or covered by dust. The cover on camera 1, lander 1, was deployed with CE 11F252 on VL-1 sol 470; the cover on camera 2, lander 2, was deployed with CE 22G255 on VL-2 sol 593. The covers on the other two cameras are still in place. Interestingly, there was apparently no dust on either window at the time of its deployment.

DATA TRANSMISSION

Several options exist for transmitting the camera data from Mars to Earth. The two major classifications are recorded imaging and real-time imaging. During recorded imaging, camera data are generally acquired in the 16 000-bps scan rate and recorded on the lander tape recorder. The option exists, however, to acquire the data at the 250-bps scan rate, buffer it in the data storage memory, and then record it at 16 000 bps. Recorded data were then transmitted either to the orbiter via the UHF link at the 16 000-bps rate or directly to Earth at 1000, 500, or 250 bps via the S-band link. The data relay from orbiter to Earth has always been selected from an 8000-, 4000-, 2000-, or 1000-bps data rate.

Real-time imaging bypasses the lander tape recorder and is transmitted either directly to Earth via the S-band transmitting system at 250 bps or to an orbiter via the UHF transmitter at 16 000 bps.

It is important to note that the camera commanding procedure for recording imaging is different from that for real-time imaging. A result is that the conditions under which rescanning occurs at the end of a camera event differ. (See Rescan in the section "Camera Event Command Parameters and Lighting Conditions.") There is also the opportunity for blank image lines when the commanded duration of a real-time camera event is shorter than the time required to scan the commanded azimuth range. These blank image lines are added during the ground data handling procedures.

All data returned by the lander are received by the Deep Space Network with tracking stations located in California, Spain, and Australia. The data are then transmitted to the Jet Propulsion Laboratory. More than one tracking station may receive the data and more than one transmission from a station to JPL may occur. Thus, several received versions of a camera event (or a portion of a camera event) may occur in the incoming data record. One of the data management tasks is to merge repeatedly received images to recover the most error-free data record. However, the vast majority of images during the extended and continuation missions did not require merging.

DATA BASE DEVELOPMENT

The development of the real-time data base begins as the imaging data are received at JPL. The telemetry processing software separates the imaging data from the other science data and forwards it to the first-order Viking lander imaging processing system as the system data record. Figure 3 shows the flow of the data in the development of the experiment data record.

The FOVLIP system provides a basic set of image processing and display capabilities which support real-time enhancement of the images and video displays. On-line and off-line hardcopy capability also exists. The system merges information from an "expected images" information list with the incoming data and produces properly identified, annotated, and formatted displays. The capability exists for noise removal, contrast enhancement, and spatial filtering of the displayed images. The FOVLIP data base of unenhanced imaging data is then forwarded on tape to the JPL Image Processing Laboratory. The major function of FOVLIP is the preparation of the final EDR and the reformatting of the tape records and the addition of annotation records.

The image data collected by the tracking stations are replayed at a later time to obtain a better data record, called the intermediate system data record. These data are sent to IPL for computer processing directed toward further recovery of image lines scrambled during transmission. The results of this image restoration process (RESTIMG) are returned to FOVLIP (VMCCC) where they are verified and then merged with the annotation data. This restored data record is subsequently sent to IPL for logging into the VICAR image processing system.

By selecting from these two sets of image data, managed under VICAR, the most complete set of imaging data is collected on a disk-based storage system. In some cases, the selection consists of an entire image from either the original transmission (SDR) or a recall (ISDR). In other cases, camera scan lines from the original version are merged with scan lines from a recall. Cases also exist where the selection process is done at the pixel level. A judgment is made as to the possibility that a particular pixel suffers from a bit error which makes it advisable to select a pixel from a different transmission. No "despiking" operations are applied to arbitrarily assign new values to certain pixels. However, the choice of pixel selection from multiple transmissions is, to some extent, arbitrary. Miscellaneous annotation errors are also corrected at this point in the processing. This disk-resident data base is then used in the production of the experimental data record and a variety of other image processing tasks.

IMAGING EXPERIMENT COORDINATE SYSTEMS, TERMINOLOGY, AND LABELING

This section is intended primarily as a glossary for the parameters listed in the parameter lists and the label information on the images. The material described is common to many of the photographic products. The later sections, which describe these products in greater detail, supplement this glossary.

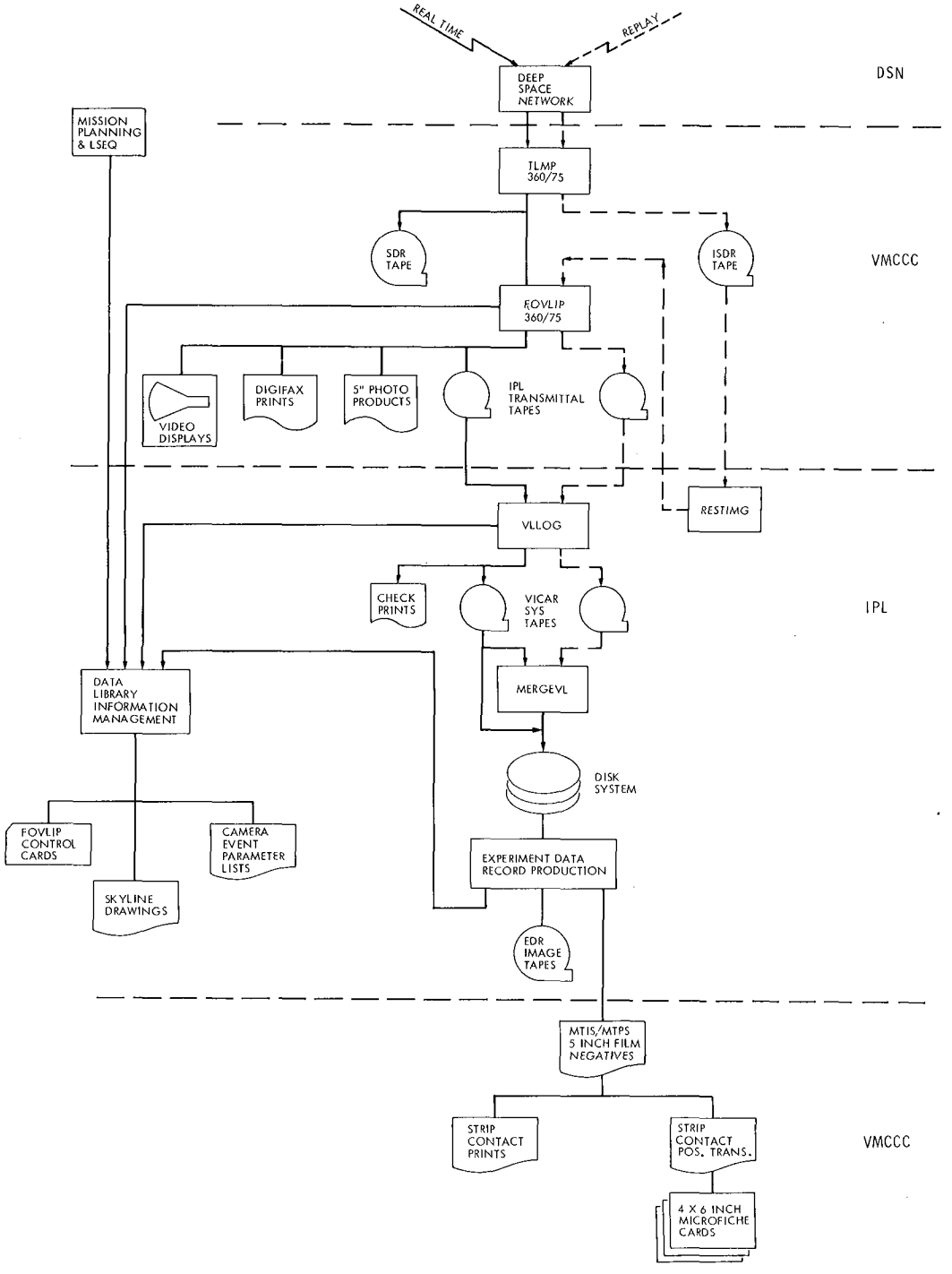


Figure 3.- Imaging data flow. The dashed path indicates the flow of non-real-time data prior to being merged with real-time data. 4 in. = 102 mm; 5 in. = 127 mm; 6 in. = 152 mm.

Coordinate Systems

Camera-aligned camera coordinate system.- The coordinate system primarily used in this publication is the camera-aligned camera coordinate system (CACCS). The origin of this system is at the intersection (nominal) of the rotation axes of the camera mirror. In the CACCS, azimuth angles are measured clockwise (viewed from above) from a vector pointing in the general direction of the other camera. For camera 1 this vector passes in back of camera 2 but for camera 2 it passes slightly in front of camera 1. (See fig. 4(a).) The CACCS is the reference for the start azimuths and stop azimuths presented in the parameter lists. The cameras are commanded by using the CACCS notation. This system is the reference for the notation which appears on the horizontal scale through the center of each camera view in the skyline drawings. The CACCS system is also referenced by the fiducial annotation on the EDR photographic products. However, this fiducial annotation presents two azimuth angles separated by a slash (/). The first references the CACCS, as just discussed; the second references the lander-aligned camera coordinate system as described in the next section.

The camera elevation angle is measured from the direction perpendicular to the azimuth axis of the camera as described in the section "Center elevation."

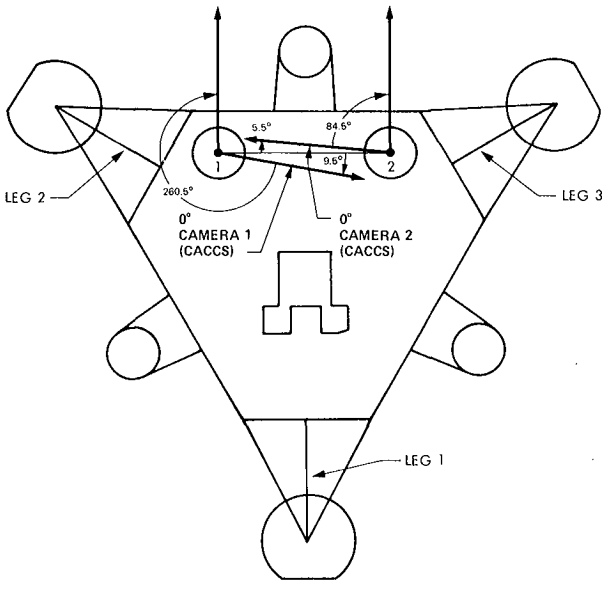
Lander-aligned camera coordinate system.- The lander-aligned camera coordinate system (LACCS) is referenced in only two situations in this publication. The azimuth entries which appear following the slash (/) at the top of the EDR photographic products reference the LACCS as do the azimuth entries which appear at the top and bottom of each camera view on the skyline drawings. In the LACCS system, azimuth angles are measured clockwise (viewed from above) from a vector perpendicular to the inter-camera baseline and directed toward the rear of the lander. (See fig. 4(b).) Its origin is at the intersection (nominal) of the rotation axes of the camera mirror. LACCS derives its name from its similarity to a commonly used general lander coordinate system, the lander-aligned coordinate system (LACS), which has an origin 1.1 m below the center of the top surface of the lander. (See fig. 4(b).)

Lander tilt.- The landers are tilted slightly relative to the local gravity vector. VL-1 is tilted 3° downward in the direction 285.18° clockwise from north. (See fig. 4(c).) VL-2 has a tilt of 8.21° downward in the direction 277.9° from north. (See fig. 4(d).)

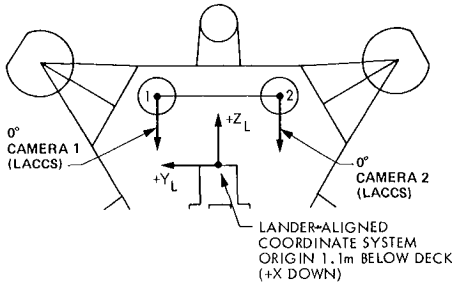
Camera Event Command Parameters and Lighting Conditions

The terms in this section relate to the parameters used to command the cameras and the conditions under which the image data are acquired. Common abbreviations and acronyms are shown in parentheses. These parameters appear in the parameter lists, on the photographic products, and in the magnetic tape label records.

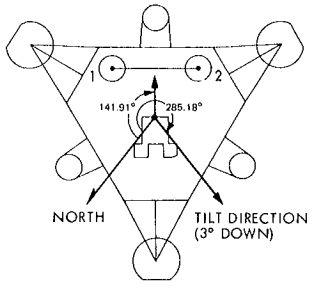
Frame count.- Frame count is a lander-assigned sequence number which increases by 1 for each camera event. Its starting value is 1 and recycles



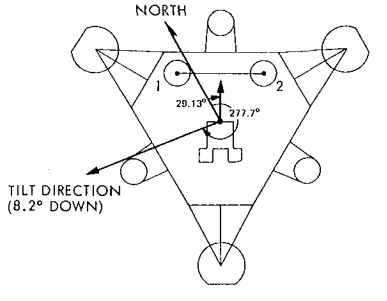
(a) Camera-aligned camera coordinate system.



(b) Lander-aligned camera coordinate system.



(c) Lander 1 orientation.



(d) Lander 2 orientation.

Figure 4.- Camera coordinate systems and orientation of landers.

to 0 after reaching 255. A single letter prefixes this number and increases through the alphabet - the numerical sequence each time reverts to 0 (e.g., A255 goes to B000 and B255 to C000).

Camera event.- Camera event (CE) refers to a single executed camera command which is identified by a frame count. It results in the collection of vertical scan lines of camera data.

Camera event label.- The camera event label is a 10-character identifier used to designate a camera event. The first character (1 or 2) indicates the lander (VL-1 or VL-2), the second character (1 or 2) indicates the camera on the lander, and the next four characters are the frame count. The three digits following the slash (/) are the sol on which the camera event occurred. (See next section.)

Mars solar day.- The Mars solar day (sol) is considered to have a length of 24 hours, 39 minutes, and 35.25 seconds; it is usually abbreviated as sol. Sol 0 is the particular lander's landing day. Sol 0 for VL-1 is July 20, 1976, and sol 0 for VL-2 is September 3, 1976.

Local lander time.- Local lander time (LLT) refers to the time after local midnight at the lander on Mars. Generally, it refers to the beginning of a camera event. It is designated in hours, minutes, and seconds (Earth units) in the format HH:MM:SS and often appears preceded by sol separated by a slash.

Diode.- As described in the section "Lander Cameras" there are 12 photodiodes in the camera. These diodes are generally referred to by name: BB1, BB2, BB3, and BB4 for the high-resolution broadband diodes; SURV or SUR for the low-resolution broadband diode; BLU, GRN, and RED for the visual color diodes; IR1, IR2, and IR3 for the infrared diodes; and SUN for the diode used in Sun imagery. When the diodes are used in triplet mode (nominally BLU, GRN, RED or IR1, IR2, IR3), a /T is generally appended (e.g., BLU/T). Calibration images are identified by "CAL" in this field, sometimes preceded by the first diode used in the calibration and followed by the light source level. Survey triplet images are indicated by a "!!!" in the diode field.

Azimuth start/stop.- The azimuth start and stop entries are the azimuth limits, in degrees, of a camera event. (See "Coordinate Systems.")

Center elevation.- Camera events are commanded by specifying the center elevation (ELEV) pointing angle (EPA) of the resulting image. The direction perpendicular to the camera's azimuth axis of rotation is the 0° reference (negative is below, positive above). This value is sometimes followed by the lower and upper limits of the scan in parentheses. Note that this is the commanded elevation and must be adjusted for nonnominal modes.

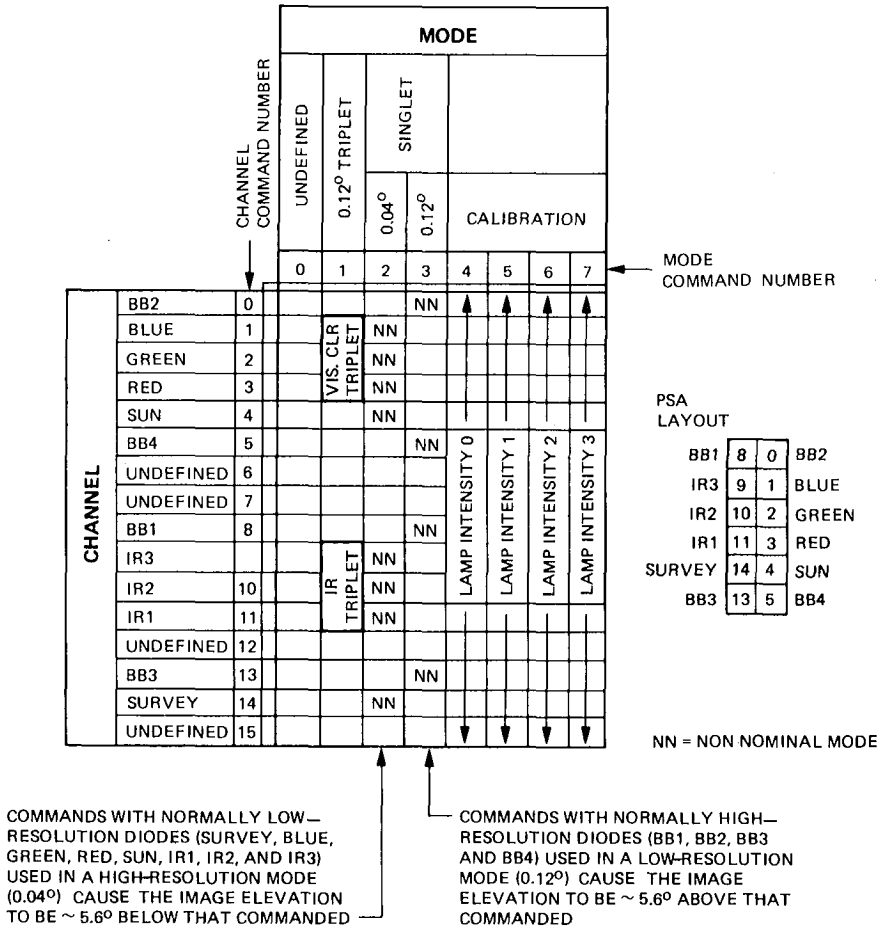
Step size.- The camera step size may be either 0.04° or 0.12° and expresses the angular separation in azimuth between successive scan lines and the angular separation in elevation between successive picture element centers.

Channel.- The channel (CHAN) is the camera parameter which determines the diode used in the camera event. The value range is from 0 to 15 but 6, 7, 12, and 15 are left undefined. (See table 3.)

Mode.- The mode is a camera command parameter which selects the camera scan step size and the choice between a single or triple scan (at each azimuth position). The mode also selects one of four intensity levels of the internal calibration light source. (See table 3.)

Nonnominal modes.- Table 3 displays the diode channels and the camera modes. The term nonnominal mode refers to a mismatch between the step size used in a camera event and the instantaneous field of view of the diode channel selected. (See table 2.) It is important to note that high-resolution diodes (BB1, BB2, BB3, and BB4) used with a step size of 0.12° will cause the elevation of the image to be increased by approximately 5.6°. A low-resolution diode used with a step size of 0.04° will cause the elevation of the image to be decreased by approximately 5.6°.

TABLE 3.- CAMERA CHANNELS AND MODES



The term nonnominal mode is also sometimes used to refer to triplet images other than the normal: BLU, GRN, RED, or IR3, IR2, IR1 scanning. Several nonnominal survey triplet scanning images were commanded during the Viking Lander 2 continuation mission and are indicated by "!!!" in the diode field.

Offset.- There are 32 available commandable offsets of equal voltage steps that can be applied to the sensed radiometric measurements prior to digitization at the camera. The offsets are identified by the numbers 0 to 31. (See fig. 2.)

Gain.- The six commandable camera gains are designated by the integers 0 to 5 and represent decreasing amounts of gain (by factors of 2) as the numbers increase from 0. (See fig. 2.)

Data path.- Two indicators separated by a slash are used to describe the data transmission path from the cameras to Earth. The first is either REC or RT indicating, respectively, that the data were recorded on the lander for later transmission or transmitted in real time as the camera scanned. The second (UH or SB) indicates whether the data went to the orbiter via the UHF link or directly to Earth via the S-band link.

Scan rate.- The camera has two scan rates: 16 000 bps and 250 bps. The parameter reflects this rate with an entry of 16K or 250.

Photosensor array temperature.- The photosensor array temperature (PSA TEMP) is a value in the range 0 to 63 (DN) which indicates the temperature of the camera's photosensor array. It is expressed in the EDR data as an average over the duration of a CE and may be shown either on a scale of 0 to 63 or converted to degrees Celsius by the following formula:

$$^{o}C = 2.089DN - 62$$

Solar azimuth and elevation.- The azimuth and elevation of the Sun (SOLAR AZ/EL) are expressed in the "local horizon system" wherein the zenith is at 90° elevation and the horizon (perpendicular to the local gravity vector) is at 0° elevation. Azimuth is measured in the clockwise direction (viewed from above) with 0° directed toward the north.

Antisolar azimuth and elevation.- The azimuth and elevation of the antisolar vector (ANTISOLAR AZ/EL) is given in the CACCS which acquired the image referenced. The direction is that of a vector from the Sun through the camera to the surface.

Event time.- The day of year and time of the beginning of a camera event are listed on most photographic product labels. Although labeled as GMT, the value indicated is that of UTC. The elements - day, hour, minute, and second - are in the format DDD/HH:MM:SS. On some photographic products the colons are replaced by periods. The year is not included in the label. However, the years corresponding to the ranges of frame counts for the two landers are

Year	VL-1	VL-2
1976	A001 to B219	A001 to C087
1977	B220 to G166	C088 to F183
1978	G167 to I216	F184 to H244
1979	I217 to J057	H245 to I132
1980	J058 to J105	I133 to I150

Dust.- The capability exists on the camera to direct a discharge of CO_2 across the outer surface of the protective outer window of the camera prior to executing a camera event. This dusting (D) was done several times in the early days of the primary mission.

Rescan.- There are three different conditions which can result in rescan (R) as follows:

(1) Rescan command bit: A rescan command bit can be set for a camera event; this results in the camera rescanning at the stop azimuth for a time (RESCAN.DT) determined by a command stored in the data base of the lander's on-board computer. Such CE's are identified by the appearance of the word RESCAN (or R) in their parameter entries.

(2) RTI camera events: If the event duration listed in the lander's real-time imaging tables is longer than the time required to scan the commanded azimuth range, the extra time is consumed in rescanning of the last azimuth position.

(3) Recorded camera events: For the recorded CE's, rescanning was used in connection with the assignment of an extra time allocation in recorded imagery to allow for the tape recorder run up and reversal. This generally resulted in less than 12 rescan lines. Most photographic products list the first camera scan line which represents a rescan line and the total number of such rescan lines. The total is calculated by subtracting the line number of the first rescan line from the last rescan line and adding one. This step uses the designated line numbers returned with the data. Transmission errors may have reduced the actual amount of data received in some cases.

Data Receipt Parameters

The parameters given in this section relate to the receipt, storage, and film conversion of the imaging data. The parameter data in these categories are separately indicated for each member of a triplet camera event. These parameters appear in the parameter lists, on the photographic products, and in the magnetic tape label records.

Data record.- The final imaging data may come from either the system data record, the intermediate system data record, or a composite (COMP) of the two. An entry is made under data record to reflect this source.

Data link.- Some photographic products list (under data link) the processing stage, or path, of an image during the development of the EDR data base. This is specified as "RAWEDR" for the final EDR versions of the images.

Scan lines.- The total number of vertical scan lines stored in the data system is listed under the heading SCAN LINES or LINES TOTAL. It is determined by dividing the commanded azimuth range by the step size and then adding the total number of rescan lines.

Missing lines and gaps.- Camera scan lines not received due to transmission errors appear as black lines in positive photographic products (Pixel value = 0). The total number of missing lines and the number of image gaps they cause are listed on some photographic products.

Average data number value.- The average data number value (AVE DN VALUE) is the arithmetic mean of the digital value of all received pixels for an image.

Standard deviation.- The standard deviation entry is the standard deviation (STAND DEV) of the distribution of digital values of all received pixels for an image.

EDR tape and file number.- The identification number of the VICAR format magnetic tape containing the EDR data for each image is specified on most photographic products. The data file position is included with it. In some cases EDR tape and file number (EDR TAPE/FILE) identification is referred to as the VICAR tape and file number.

Segment.- Many images have been divided into segments (SEG) to facilitate film conversion. (See section "127-mm (5-in.) Photographic Products.") In certain contexts the entire image may be called a segment, such as for small images not requiring division for film conversion.

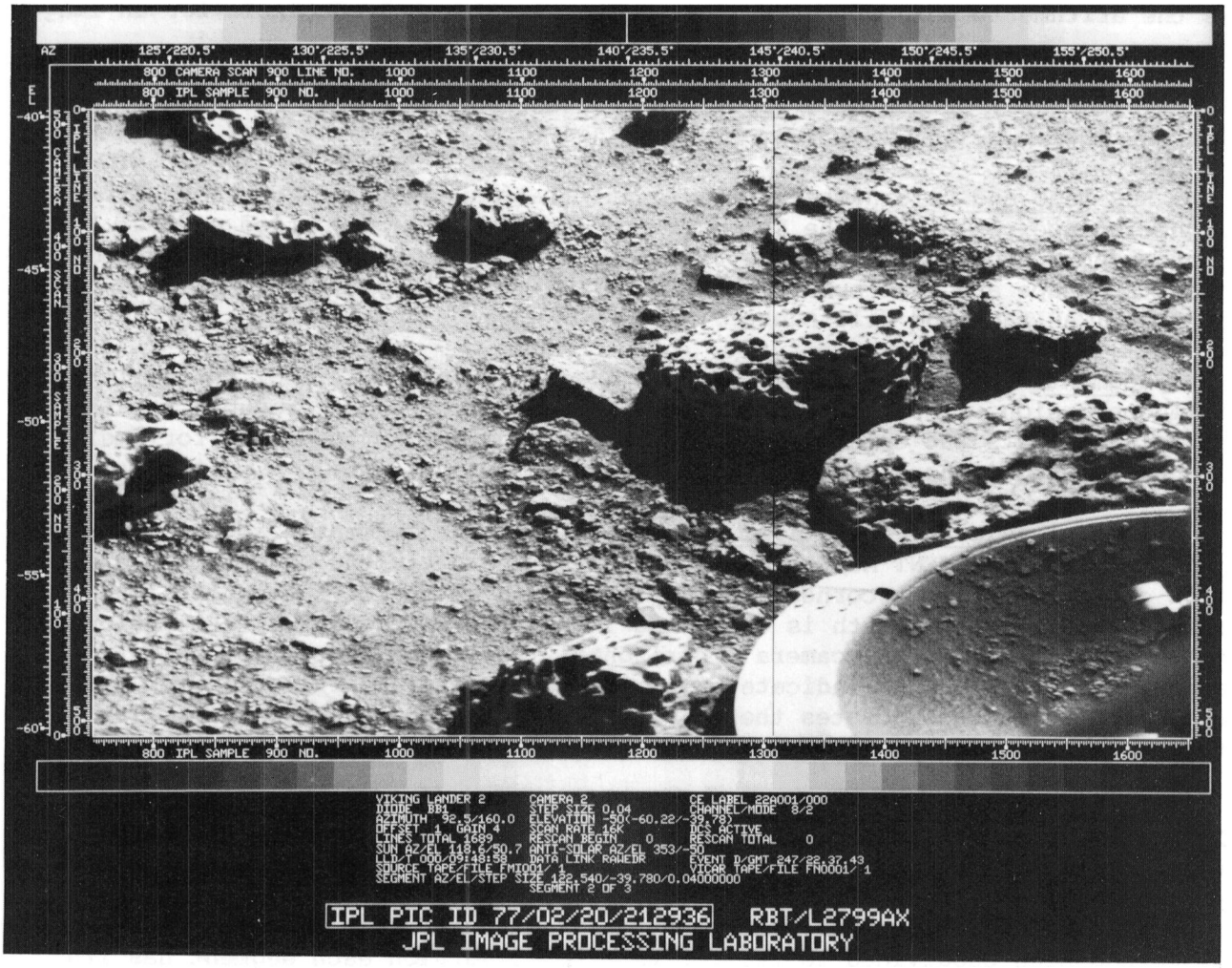
Segment azimuth, elevation, and step size.- The segment azimuth, elevation, and step size (SEGMENT AZ/EL/STEP SIZE) entry indicates the azimuth and elevation of the upper left corner of a segment of an image (or the entire image if unsegmented). The azimuth is expressed in degrees in the CACCS. Elevation is measured relative to the camera's horizontal (perpendicular to the azimuth axis). Negative values indicate below the horizontal; positive, above. This elevation value incorporates the $\pm 5.6^{\circ}$ shift for nonnominal commands. The step size is either 0.04° or 0.12°.

Image Processing Laboratory picture identifier.- The Image Processing Laboratory picture (photograph) identifier (IPL PIC ID) is a 15-character date-related descriptor which uniquely identifies a photographic product processed at the JPL Image Processing Laboratory. It contains four subfields which are separated by slashes: year, month, day of month, and time of day. Where an image has been subdivided to facilitate film conversion each segment has its own IPL PIC ID.

Photographic Product Fiducial Annotation

There are three types of fiducial scales which identify the pixel positions on the EDR photographic products. (See fig. 5.)

The innermost set (closest to the image) is called the IPL line number in the vertical direction and the IPL sample number in the horizontal direction. The scale exists on all four sides of the image. The pixel in the upper left corner (of segment one) has the coordinate 1,1. The IPL line number increases (1 to 512) in the downward direction and the IPL sample number increases from left to right. The fiducial separations denote increments of two.



L-77-312

Figure 5.- EDR photographic product format.

The second (middle) fiducial scale is identified as the camera scan sample number in the vertical direction and the camera scan line number in the horizontal direction. The camera scan sample number has an origin of 0 at the bottom and increases upward to 511 at the top of the image. The camera scan line increases from left to right. The fiducial separation denotes increments of two. This scale only appears at the left side and at the top of the image.

The outermost fiducial scale denotes azimuth in the horizontal direction and elevation in the vertical direction. The elevation is expressed in degrees, where 0° is perpendicular to the camera azimuth axis. The elevation scale on nonnominal mode images is properly adjusted for the vertical displacement associated with such images. Two azimuth identifiers are given for the horizontal scale; the first references the CACCS, the second references the LACCS. (See section "Coordinate Systems.") The two values are separated by a slash (/) and increase from left to right. The fiducial separation is 0.2° on images of 0.04° step size and 0.5° on images of 0.12° step size. This scale appears only at the left side of the image and at the top of the image.

The horizontal scales, IPL sample number and camera scan line number, increase across the photographic product segment boundaries of segmented images. This can be seen in figure 5 which is the second of three picture segments and begins at IPL sample number 752.

EXPERIMENT DATA RECORD PROCESSING AND PHOTOGRAPHIC PRODUCTS

The experiment data record contains all imaging data received from Lander 1 and Lander 2. The data base described in the section "Data Base Development" forms the input to the EDR processing.

The media for the distribution of the EDR are as follows:

127-mm (5-in.) strip contact prints
Magnetic tape
102- by 152-mm (4- by 6-in.) microfiche cards

127-mm (5-in.) PHOTOGRAPHIC PRODUCTS

The EDR images for VL-1 and VL-2 have been transferred from digital data to 127-mm (5-in.) film. Strip contact prints, positive transparencies, and a duplicate negative are made from the original negative. Because of size limitations imposed by the film conversion equipment, many of the images had to be segmented when converted to film.

The photographic products have a maximum of 901 data points in the horizontal direction. Where images are more than 901 pixels wide they are segmented such that there is a minimum of 150 pixels of overlap, and each segment contains a full 901-pixel width. All images are 512 pixels high. Annotation, fiducial marks, and other identifications add to the size of the images.

A segment of size 901 pixels by 512 pixels results in an image area of 99 mm by 56 mm. Such a photographic product has an overall size of 108 mm by 80 mm. The pixel size is 0.11 mm.

The image data are operated upon to provide a contrast-enhanced image which will maximize the use of the grey scale of the photographic products. However, no digital filtering, geometric correction, or radiometric normalization has been applied.

The photographic products were prepared as a series of roll products. Camera events are, without exception, in order by frame count on these rolls, exactly as presented in the EDR image section of this catalog. The National Space Science Data Center currently has negative roll products which correspond to the list in table 4. Some users may prefer to order a complete roll instead of individual photographic products. Requests should be directed to the same address as that given on page 26 and in the Viking Lander Imaging Camera Order Form at the back of this volume.

MAGNETIC TAPE STORAGE

Table 5 lists the data contents of digital tape records for VL-2. Earlier images are included in reference 1. The range of camera event identifiers is listed for each tape. For those camera events that are triplets, the images are stored on tape in blue, green, red, or IR3, IR2, IR1 order. This is the order in which the successive scan lines are acquired. Although the triplet images were acquired in an interleaved manner, they are stored on the tapes as three separate images. The calibration tape, FN0083 for VL-2, has a slightly different format and is discussed in the section "Calibration."

TABLE 4.- VL-2 EDR PHOTOPRODUCT ROLLS

VL-2 roll number	First camera event	Last camera event
1	22A001/000	22A087/012
2	22A088/013	21A173/022
3	21A174/023	22A255/030
4	22B000/031	22B077/039
5	22B078/040	22B179/048
6	22B180/049	21C004/054
7	22C005/055	21C070/061
8	21C071/073	21D018/188
9	22D019/188	22D213/245
10	22D214/245	22E085/329
11	22E086/329	21E142/365
12	22E143/365	22F007/408
13	22F008/409	22F140/449
14	22F141/449	22G052/508
15	21G053/508	21G212/560
16	21G213/560	22H066/626
17	21H067/626	21H146/696
18	22H147/701	21H225/780
19	22H226/780	22I095/960

TABLE 5.- VL-2 EDR TAPE SUMMARY

[Extended and continuation mission through May downlink]

Tape Number	First camera event	Last camera event	Number of files on tape
FN0031	21C071/073	22C110/132	44
FN0032	22C111/132	21C136/145	38
FN0033	21C137/145	22C172/158	42
FN0034	21C173/159	22C197/161	37
FN0035	21C198/161	22C234/173	43
FN0036	22C235/173	22D011/184	43
FN0037	21D012/184	21D039/193	40
FN0038	22D040/193	22D072/200	41
FN0039	22D073/200	22D095/207	35
FN0040	21D096/207	21D122/215	57
FN0041	21D123/215	21D156/219	46
FN0042	21D157/219	21D195/233	45
FN0043	21D196/234	21D232/257	45
FN0044	21D233/257	21E014/281	46
FN0045	22E015/281	22E038/293	28
FN0046	22E039/293	21E072/317	46
FN0047	22E073/317	21E106/341	48
FN0048	21E107/341	21E140/354	46
FN0049	22E141/354	22E169/377	51
FN0050	22E170/377	22E204/388	57
FN0051	21E205/388	22E233/405	47
FN0052	22E234/405	22F012/410	55
FN0053	22F013/410	22F019/413	13
FN0054	22F020/413	22F034/414	31
FN0055	22F035/415	21F062/420	28
FN0056	21F063/420	22F091/431	59
FN0057	21F092/431	22F134/447	49
FN0058	22F135/448	22F161/455	41
FN0059	22F162/455	21F195/476	48
FN0060	21F196/478	21F238/482	51
FN0061	21F239/482	21G008/488	52
FN0062	22G009/489	22G048/503	42
FN0063	21G049/503	21G078/520	32
FN0064	21G079/520	21G104/525	28
FN0065	22G105/525	21G132/543	40
FN0066	21G133/543	22G144/552	14
FN0067	22G145/553	22G176/557	42
FN0068	21G177/557	21G200/559	54
FN0069	22G201/559	21G233/584	51
FN0070	22G234/587	21H007/593	48
FN0071	22H008/593	21H041/598	48
FN0072	22H042/600	22H079/629	42
FN0073	21H080/629	21H104/639	31
FN0074	22H105/640	21H138/683	38
FN0075	21H139/683	22H169/720	37
FN0076	21H170/720	21H193/743	28
FN0077	22H194/743	21H224/779	39
FN0078	22H225/780	22H254/856	32
FN0079	22H255/856	22I025/872	41
FN0080	22I026/872	22I059/898	42
FN0081	22I060/910	22I080/959	45
FN0082	21I091/960	22I095/960	7
FN0083	Radiometric calibration data for VL-2		

Label Records

The magnetic-tape label records are a series of records at the beginning of each image file on magnetic tape which contain parameter information for the associated image. The length, in characters, of the physical label records is equal to the number of pixels in a horizontal image line or 360, whichever is greater. Each physical label record can be thought of as five logical records of 72 characters with the remaining character positions blank when the image size is greater than 360. Each logical record represents one line of text data as shown in figure 6. The number of lines of label information is variable. If an image is the result of a merging operation, this is indicated by the entry "MERGEVL" on a separate text line. If any image has vertical scan lines missing, the gaps are noted in the following manner: The notation "MISSING LINE GAPS (FIRST-LAST)" appears followed by up to three number pairs indicating the extent of the gaps. (See top part of fig. 6.) If more than three gaps

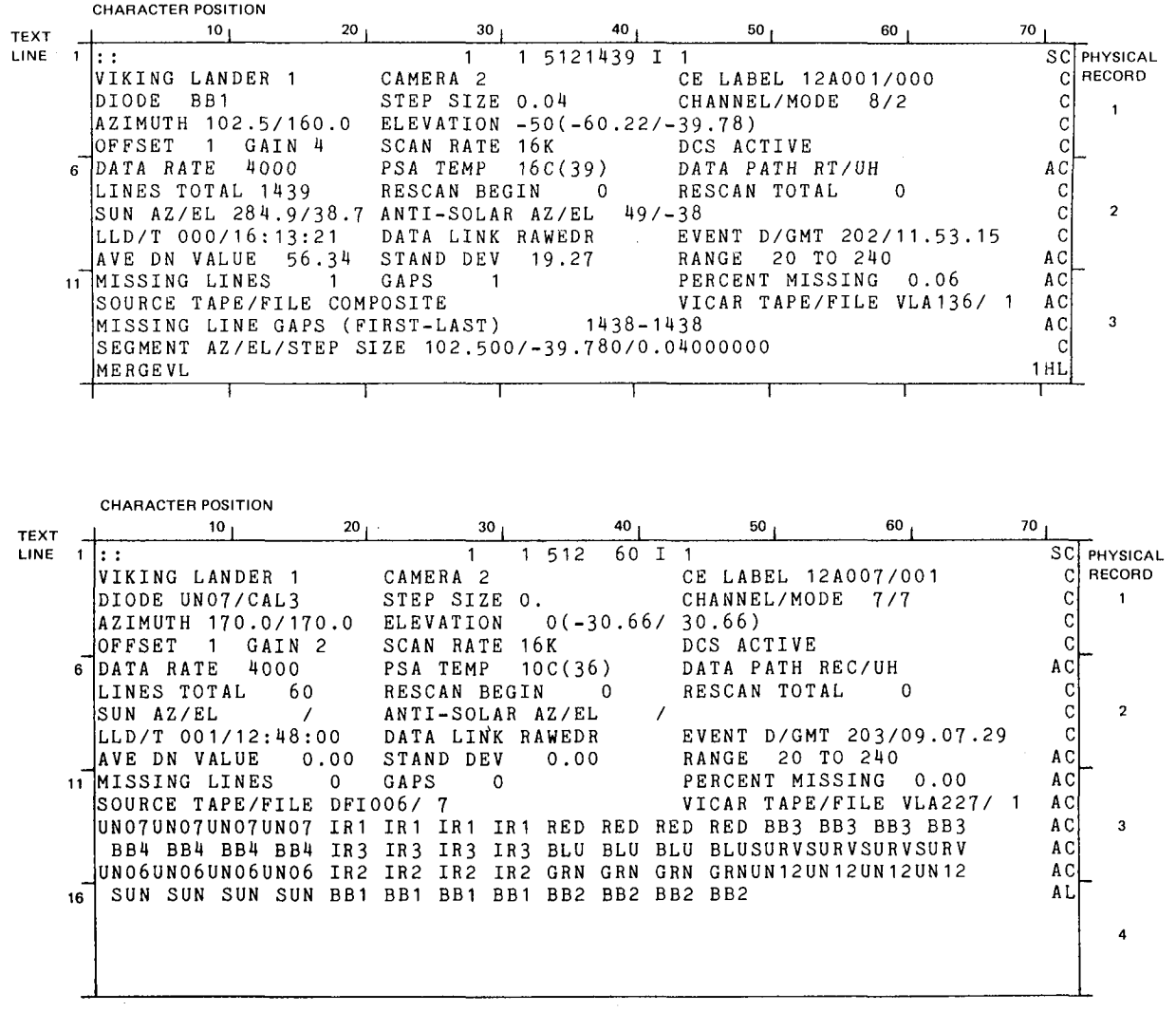


Figure 6.- VICAR label format.

exist the additional number pairs are indicated on subsequent text lines (6 pairs per text line). Calibration images list the diode used in each calibration scan as seen in the bottom part of figure 6. Where the number of label lines is not a multiple of five, the extra logical record positions are left blank. Note that the last character position (72) in each line contains a C (Continuation) for all lines except the final line which contains an L. Some lines contain the characters S, A, or H in position 71. These lines do not appear in the picture format seen on the 127-mm (5-in.) photographic products and microfiche.

The first line shown in the top part of figure 6 is flagged with an S in character position 71. It is called the VICAR system label and contains the vertical size (in pixels) of the image (512) in character positions 33 to 36, and the horizontal size of the image in positions 37 to 40. The I 1 appearing in positions 42 and 44, respectively, indicates that the data are single byte (8 bits) integer data. All characters are represented in the extended binary coded decimal interchange code (EBCDIC).

Pixel Data Records

The length of the image records is equal to the number of pixels in a horizontal image line. The image data have been changed from a 6-bit format to an 8-bit format by shifting the bits of each pixel two binary positions to the left and zero-filling the two rightmost bit positions. No operations have been applied to the tape data such as contrast enhancement, geometric correction, or radiometric correction.

MICROFICHE

All EDR images are distributed on 102- by 152-mm (4- by 6-in.) microfiche cards. Each card is capable of holding 60 image segments. The card contains 5 rows of 12 windows each. The segments of an image are positioned such that all its members appear together on a row. Thus, there may be unused window locations at the right end of the rows. The microfiche are produced by reducing the linear dimension of the image on a duplicate positive by a factor of about 10. The resulting image is about 11 mm wide by 8 mm high. This is placed in the upper half of an 11- by 16-mm window on the microfiche.

Microfiche viewing equipment commonly provides for magnification factors of 17, 21, or 24 resulting in an image about twice the size of the original strip contact photographic product.

LABELING

Most elements of the labels on EDR products are described in the section "Imaging Experiment Coordinate Systems, Terminology, and Labeling." One additional field exists, the source tape and file. It indicates where the corresponding SDR or ISDR data are stored. This data record is not distributed. The

field contains the word COMPOSITE when two data sources were merged to produce an EDR image. (See the section "Data Base Development.")

PHOTOGRAPHIC PRODUCT PROCUREMENT

The EDR photographic products are available from the National Space Science Data Center, Code 601.4, Goddard Space Flight Center, Greenbelt, Maryland 20771. An order form is included at the back of this volume.

The primary identifier for the requisition of these photographic products is the Image Processing Laboratory picture identification. This identification and the project name (VIKING) must be supplied when placing orders. The section "Selection of Camera Event Parameter Lists" describes the listings in the EDR which cross-references the camera event labels to IPL PIC ID's. Additional descriptive material may be helpful in indicating the item requested, such as the camera event label and the specification "Viking Lander EDR."

TEAM DATA RECORD

In addition to the VL-2 experiment data record that appears in the last main section of this report as the complete and primary record of the data, a team data record of 127-mm (5-in.) photographic products also exists. (See ref. 4.) The TDR consists of those camera events from the EDR thought to be of most general interest. It excludes such things as specialized photometric series, calibration and scan verification events, and the Sun imagery. The processing parameters for the camera events in the TDR have been individually chosen to create photographic products of the highest scientific quality. For a given camera event, the TDR is, in general, segmented differently from the EDR. Therefore there is not a one-to-one correspondence in the scene coverage for the respective photographic products.

SELECTION OF CAMERA EVENT PARAMETER LISTS

The computer-generated CE parameter lists described in this section provide a detailed description of the conditions under which the camera event data were acquired, the completeness of the receipt of the data on Earth, and their storage location on photographic products and magnetic tape.

The data fields are primarily those described in the section "Imaging Experiment Coordinate Systems, Terminology, and Labeling." There is a comprehensive parameter list for each lander and a selection of other lists which present only a limited amount of information but divide the camera events into a variety of classes and sequences. All camera events appear in camera-event order except those described in (13) and (14) in subset lists and IPL picture identifiers.

CAMERA EVENT REPORTS

The camera event reports are comprehensive presentations of the parameters for the camera events. The reports are presented with multiple-line item entries for each camera event, blocked in a manner to maximize readability. The primary line for each CE describes the time the camera event was executed, the camera command information, and the lighting conditions. This is followed by either one line (for singlets) or three lines (for triplets) of information about the image data stored for the CE. This line (or lines) is identified by the diode and indicates the number of data lines in the image, the completeness of it, pixel statistics, and information about its storage on magnetic tape and photographic products. The diode indicator is followed by an asterisk if the image has been used in the generation of the TDR. These parameters are followed by a short narrative description indicating the mission goal of the CE or its scene content, or both. The comments represent "scratch pad" type of entries and are not intended as a complete guide to the image contents. Comments attached to the early camera events generally characterize the landing sites.

SUBSET LISTS

There are 14 parameter subset lists which separate the camera events by diode, local lander time of the CE's, or other special classifications. These subsets are as follows:

(1) The "VL-2 camera events not received" subset lists those camera events which were lost because of a variety of engineering and logistical reasons (i.e., no tracking station available). These camera events have been removed from all other subset listings as well as from the skyline drawings and azimuthal coverage charts. Four VL-2 images (H226, H227, I002, I003) were received but not processed. These were "erase" images that were acquired at night and which contained very few complete imaging lines. The large effort required to process these images acquired late in the mission was not compatible with their contents.

(2) The "high-resolution camera events in event order" subset contains all broadband diode (BB1, BB2, BB3, BB4) CE's taken at the normal 0.04° step size.

(3) The "survey camera events" subset contains all CE's which were acquired by using the survey diode at 0.12° step size.

(4) The "Sun imagery camera events" subset identifies all images acquired by using the Sun diode. Note that this subset contains both nominal (0.12° step size) and nonnominal (0.04° step size) images. Most Sun imagery is done by using nonnominal commands. The entire mission is contained in this report.

(5) The "Calibration and scan verification camera events" subset contains all calibration mode camera events and all scan verification camera events (BB1 at 0.12° step size) as described in the section "Photosensing and Data Acquisition." The list is divided into camera 1 and camera 2. The entire mission is included in this report.

(6) The "visual color triplet and infrared camera events" subset shows all CE's acquired by using the three visual color diodes (RED, GRN, BLU) in triplet scan mode. Additional visual color images are contained in (7).

(7) The "twilight rescan camera events" subset contains visual color image acquired at low data rate in a rescan mode. They are not included in the color list in (6) or in the rescan list in (10).

(8) The "visual color and infrared singlet camera events" subset identifies all CE's acquired using any of the six diodes - RED, GRN, BLU, IR3, IR2, IR1 - in singlet mode (MODE = 3) with a step size of 0.12° or 0.04° (nonnominal).

(9) The "blue sky brightness camera events" subset contains blue singlet images acquired specifically for studying the concentrations of suspended aerosols in the Martian atmosphere. Any other image which contains the sky can, of course, be used for the same purpose.

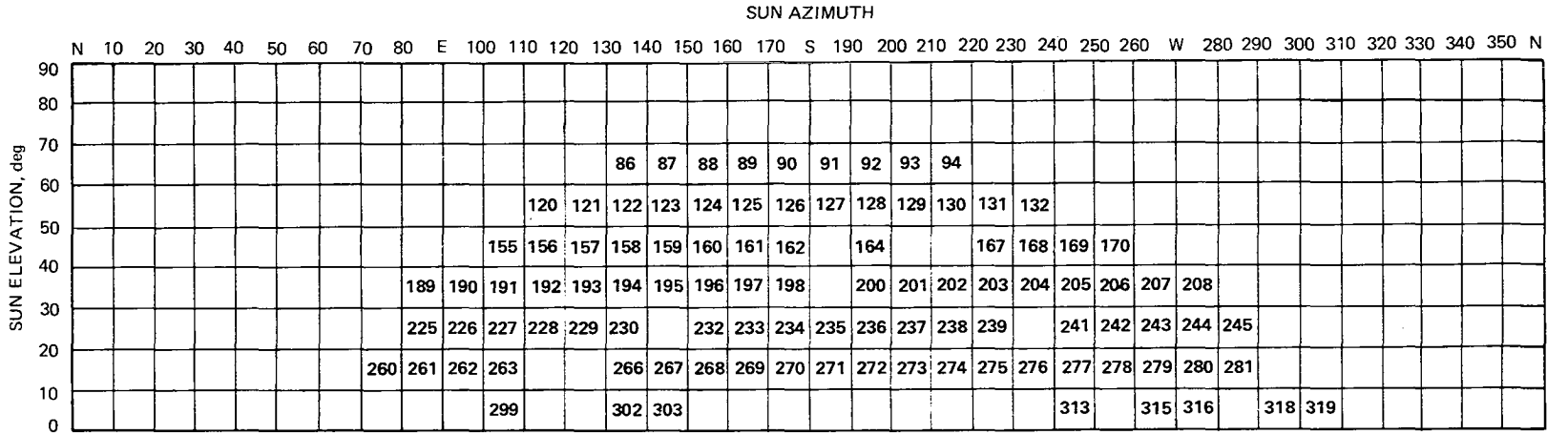
(10) The "other rescan camera events" subset contains those CE's which have 25 lines or more of rescan. The list does not include the camera events in (7).

(11) The "low data rate camera events" subset contains those CE's acquired as the camera scanned at 250 bps (instead of the more frequently used 16 000 bps). This list includes the entire mission but does not include the CE's listed in (7).

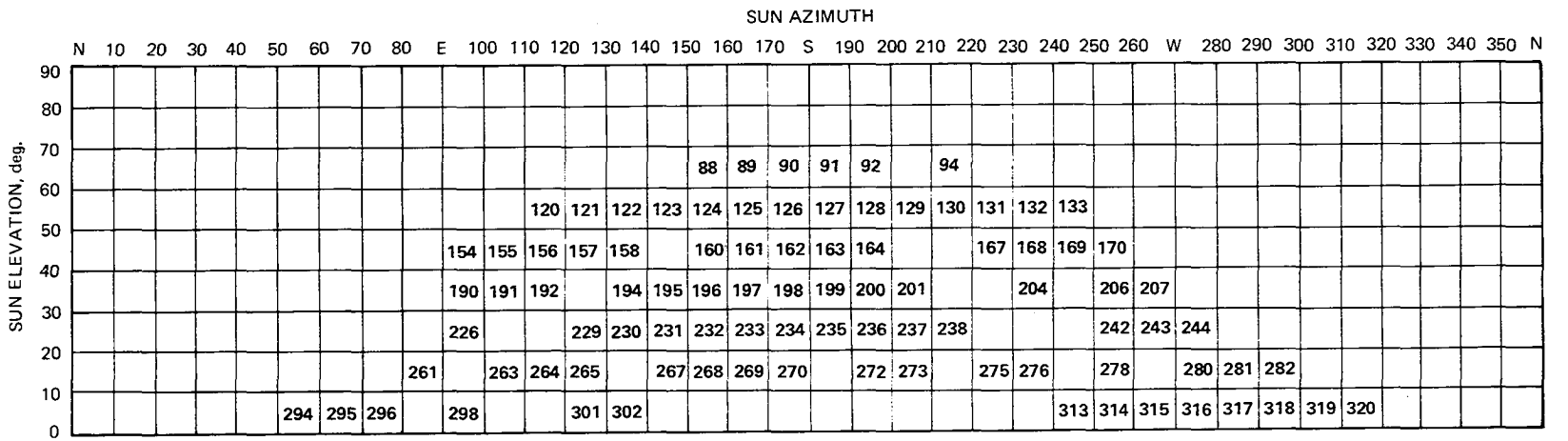
(12) The "night camera events" subset includes any event during which the Sun elevation was less than 0.5°.

(13) The "high-resolution camera events sorted by 10° boxes of Sun AZ/EL" subset is not included in reference 1. This list enables the user to rapidly locate images acquired under the same lighting geometries and is useful both for studying changes in the surface and for locating stereoscopic pairs. The entire mission is included in this report. (See also the section "VL-2 "Repro" Images.") Figure 7(a) is a summary of the distribution of the 10° boxes. The numbers in the boxes in figure 7(a) correspond to the box numbers in the "high-resolution camera events sorted by Sun AZ/EL" listing.

(14) The "color, IR, and survey camera events sorted by 10° boxes of Sun AZ/EL" subset is the same as (13) except that the list includes color triplets, IR triplets, and survey camera events. Figure 7(b) is a summary of the distribution of the 10° boxes. The numbers in the boxes in figure 7(b) correspond to the box numbers in the "visual color triplet, IR triplet, and survey camera events sorted by Sun AZ/EL" listing.



(a) VL-2 high resolution CE's.



(b) VL-2 color, IR and survey CE's.

Figure 7.- Distribution of 10° boxes of Sun AZ/EL.

VL-2 "REPRO" IMAGES

The Viking lander cameras acquired a substantial number of imaging pairs for which the solar illumination geometry and, thus, the shadowing and phase illumination geometry, are nearly the same. Acquisition of such imaging pairs was possible twice each Mars year when the Sun passed through the same declination as seen from the surface. The times of day of two repro images acquired exactly one Mars year apart are the same; for those repro pairs acquired at other than one Mars year spacings, the times of day are different. A solar ephemeris was used to find the proper times when repro images should be obtained. The VL-2 repro imaging pairs are presented in the following table:

CE LABEL	LLT	DIODE	AZ START	AZ STOP	EPA	STEP	OFFSET	GAIN	SUN AZ	SUN EL
21E227/398	10:26:59	BB3	127.5	185.0	-10	0.04	1	4	128.9	25.1
21C099/130	08:59:59	BB3	127.5	182.5	-10	.04	1	4	128.6	26.2
22E230/400	11:24:58	CLR	305.0	310.0	-10	.12	1	4	143.0	32.1
22C115/132	09:59:59	CLR	305.0	310.0	-10	.12	1	4	143.7	32.6
21E231/401	12:22:58	BB1	215.0	240.0	-40	.04	1	4	159.2	36.9
21C101/131	10:59:59	BB1	225.0	240.0	-40	.04	1	4	160.5	37.4
22E233/405	10:23:59	BB3	260.0	305.0	-10	.04	1	4	127.7	26.2
22C097/128	08:59:59	BB3	260.0	305.0	-10	.04	1	4	128.3	26.7
22F087/427	10:16:28	BB2	87.5	95.0	-30	.04	1	4	124.6	30.1
22C084/111	08:59:59	BB2	87.5	95.0	-30	.04	1	4	125.6	30.0
21F248/486	18:13:59	BB2	262.5	290.0	-30	.04	1	4	269.1	19.4
21C031/056	17:27:59	BB2	280.0	290.0	-30	.04	1	4	269.8	18.8
22F249/486	18:18:42	BB2	77.5	95.0	-30	.04	1	4	269.9	18.6
22C032/056	17:30:59	BB2	85.0	95.0	-30	.04	1	4	270.3	18.3
22G012/491	07:50:59	BB4	115.0	127.5	-10	.04	1	3	91.0	20.6
22B231/054	07:05:00	BB4	115.0	175.0	-10	.04	2	3	91.6	20.7
22G036/502	12:23:00	BB1	130.0	165.0	-50	.04	1	4	165.6	57.6
22B057/038	11:43:23	BB1	90.0	165.0	-50	.04	1	4	166.2	58.3
22G039/502	13:01:00	BB1	70.0	92.5	-50	.04	1	4	182.3	58.3
22B058/038	12:21:38	BB1	55.0	92.5	-50	.04	1	4	183.3	58.9
21G040/502	13:10:30	BB3	240.0	280.0	-30	.04	1	4	186.5	58.1
21B022/033	12:32:18	BB3	240.0	310.0	-30	.04	1	4	187.9	59.5
21G046/503	07:38:45	BB3	142.5	215.0	-10	.04	1	4	88.2	20.6
21B054/038	07:00:00	BB3	120.0	215.0	-10	.04	1	4	88.2	21.4
22G047/503	12:26:29	BB3	172.5	187.5	-30	.04	1	4	167.2	57.9
22B044/036	11:49:12	BB3	115.0	190.0	-30	.04	1	4	168.5	58.8
22G048/503	12:29:29	BB3	115.0	157.5	-30	.04	1	4	168.5	58.0
22B044/036	11:49:12	BB3	115.0	190.0	-30	.04	1	4	168.5	58.8

CE LABEL	LLT	DIODE	AZ START	AZ STOP	EPA	STEP	OFFSET	GAIN	SUN AZ	SUN EI
21G049/503	12:34:59	BB1	212.5	242.5	-40	0.04	1	4	170.9	58.2
21B021/033	11:56:52	BB1	170.0	270.0	-40	.04	1	4	171.6	59.5
21G052/508	13:10:59	BB3	50.0	95.0	-10	.04	1	4	187.8	59.0
21B013/032	12:34:45	BB3	25.0	95.0	-10	.04	1	4	188.9	59.6
21G056/509	07:26:59	BB4	240.0	255.0	-10	.04	1	4	85.8	19.6
21B039/036	06:49:59	BB4	215.0	260.0	-10	.04	1	4	86.2	19.9
21G064/515	12:38:39	BB4	95.0	137.5	0	.04	1	4	174.1	60.0
21A237/029	12:05:41	BB4	10.0	140.0	0	.04	1	4	175.3	60.3
21G067/517	07:13:29	BB4	252.5	290.0	-10	.04	1	4	83.1	18.7
21B009/032	06:39:59	BB4	260.0	335.0	-10	.04	1	4	83.8	18.7
22G068/517	07:18:14	BB4	60.0	117.5	-10	.04	1	4	83.9	19.4
22A236/029	06:44:59	BB4	60.0	117.5	-10	.04	1	4	84.3	19.7
21G069/517	07:24:29	BB4	110.0	142.5	0	.04	1	4	85.0	20.5
21B010/032	06:49:59	BB4	75.0	142.5	0	.04	1	4	85.6	20.3
21G070/517	12:27:59	BB1	180.0	215.0	-40	.04	1	4	169.4	60.1
21B021/033	11:56:52	BB1	170.0	270.0	-40	.04	1	4	171.6	59.5
22G071/517	12:32:59	BB4	265.0	327.5	0	.04	1	4	171.7	60.2
22B003/031	12:01:37	BB4	235.0	335.0	0	.04	1	4	173.6	59.9
21G075/518	07:17:00	BB1	177.5	205.0	-50	.04	1	4	83.7	19.4
21B015/033	06:44:59	BB1	177.5	257.5	-50	.04	1	4	84.9	19.4
21G078/520	12:34:29	BB4	180.0	250.0	0	.04	1	4	172.8	60.6
21A221/027	12:06:16	BB4	122.5	250.0	0	.04	1	4	175.4	60.5
21G079/520	12:41:59	BB3	152.5	260.0	-20	.04	1	4	176.3	60.8
21A225/028	12:07:23	BB3	130.0	260.0	-20	.04	1	4	176.0	60.4
22G085/521	12:35:59	BB4	95.0	165.0	-10	.04	1	4	173.6	60.8
22A252/030	12:06:09	BB4	90.0	220.0	-10	.04	1	4	175.6	60.1
22G088/522	12:41:00	BB4	162.5	215.0	-10	.04	1	4	176.1	61.0
22A252/030	12:06:09	BB4	90.0	220.0	-10	.04	1	4	175.6	60.1
21G089/522	18:01:29	BB3	260.0	285.0	-20	.04	1	4	273.0	23.2
21A216/025	17:29:59	BB4	260.0	285.0	-20	.04	1	4	273.1	22.9
21G092/523	07:41:29	BB4	142.5	242.5	0	.04	1	4	87.7	24.1
21A164/022	07:09:59	BB4	142.5	250.0	0	.04	1	4	87.8	24.3
21G094/523	18:01:29	BB4	282.5	302.5	-10	.04	1	4	273.2	23.2
21A161/021	17:29:42	BB4	282.5	302.5	-10	.04	1	4	273.3	23.4
21G097/524	17:54:29	BB4	302.5	335.0	-10	.04	1	4	272.1	24.4
21A168/022	17:24:42	BB4	302.5	335.0	-10	.04	1	4	273.2	23.3
22G098/524	17:58:59	BB4	107.5	182.5	-10	.04	1	4	272.9	23.7
22A148/020	17:29:43	BB4	107.5	185.0	-10	.04	1	4	273.4	23.5
22G099/524	18:06:59	BB3	12.5	52.5	-20	.04	1	4	274.3	22.4
22A121/016	17:39:59	BB3	12.5	60.0	-20	.04	1	4	275.5	22.3
21G100/524	18:13:59	BB3	125.0	147.5	-10	.04	1	4	275.5	21.2
21A150/020	17:44:43	BB3	125.0	147.5	-10	.04	1	4	276.0	21.1
22G101/524	18:17:29	BB4	67.5	107.5	-10	.04	1	4	276.1	20.1
22A143/019	17:49:59	BB4	67.5	107.5	-10	.04	1	4	277.0	20.3

CE LABEL	LLT	DIODE	AZ START	AZ STOP	EPA	STEP	OFFSET	GAIN	SUN AZ	SUN EL
21G102/524	18:23:49	BB4	260.0	282.5	-10	0.04	1	4	277.2	19.6
21A151/020	17:49:43	BB4	260.0	282.5	-10	.04	1	4	276.9	20.3
21G104/525	13:35:53	CLR	130.0	265.0	-20	.12	1	4	202.3	59.9
21A213/025	12:22:45	CLR	120.0	250.0	-20	.12	1	4	183.0	60.9
22G105/525	13:48:35	CLR	75.0	172.5	-30	.12	1	4	207.8	59.0
22A190/023	12:33:58	CLR	75.0	165.0	-30	.12	1	4	188.2	61.0
22G107/526	13:02:00	CLR	140.0	165.0	-30	.12	1	4	186.8	61.4
22A190/023	12:33:58	CLR	75.0	165.0	-30	.12	1	4	188.2	61.0
22G108/526	13:13:00	IR	140.0	165.0	-30	.12	1	4	192.0	61.1
22A191/023	12:42:14	IR	75.0	165.0	-30	.12	1	4	192.1	60.7
22G109/526	18:22:59	BB2	137.5	157.5	-30	.04	1	4	277.4	19.8
22A163/021	17:54:59	BB2	127.5	157.5	-30	.04	1	4	22.7	19.3
22G115/537	10:01:59	BB3	10.0	50.0	-10	.04	1	4	116.5	48.2
22A097/014	09:37:31	BB3	10.0	90.0	-10	.04	1	4	117.5	48.2
22G120/537	12:54:04	CLR	285.0	315.0	0	.12	1	4	184.7	62.8
22A158/021	12:17:02	CLR	155.0	327.5	0	.12	1	4	180.0	61.4
22G121/537	13:09:08	IR	285.0	315.0	0	.12	1	4	192.2	62.4
22A159/021	12:32:38	IR	155.0	327.5	0	.12	1	4	187.5	61.3
21G122/537	17:50:59	BB3	217.5	260.0	-10	.04	1	4	273.3	25.4
21A075/010	17:29:59	BB3	217.5	265.0	-10	.04	1	4	274.2	24.6
22G123/537	17:57:59	BB4	305.0	315.0	0	.04	1	4	274.6	24.6
22A135/018	17:34:59	BB4	270.0	335.0	0	.04	1	4	274.5	22.9
21G127/540	16:22:59	BB2	185.0	232.5	-30	.04	1	4	257.0	39.7
21A052/007	16:00:00	BB2	182.5	232.5	-30	.04	1	4	257.4	39.5
21G133/543	17:50:13	BB2	275.0	302.5	-30	.04	1	4	274.0	25.7
21A032/004	17:30:00	BB2	275.0	305.0	-30	.04	1	4	274.5	25.2
21G139/546	18:06:20	BB3	270.0	297.5	-20	.04	1	4	277.2	23.1
21A024/003	17:49:00	BB3	270.0	297.5	-20	.04	1	4	277.9	22.2
22G146/553	10:14:59	SURV	10.0	325.0	-10	.12	1	4	119.7	51.9
22A002/000	09:55:33	SURV	10.0	325.0	-10	.12	1	4	120.4	51.6
22G151/553	15:04:59	CLR	15.0	80.0	0	.12	1	4	240.2	52.0
22A016/002	14:50:00	CLR	15.0	80.0	0	.12	1	4	240.9	50.7
22G152/553	15:14:59	CLR	155.0	187.5	0	.12	1	4	242.9	50.5
22A018/002	15:00:00	CLR	155.0	210.0	0	.12	1	4	243.6	49.3
21G153/553	17:17:59	BB1	182.5	255.0	-50	.04	1	4	269.5	31.1
21A031/004	17:00:00	BB1	182.5	255.0	-50	.04	1	4	269.2	30.1
22G154/553	17:42:59	BB3	60.0	105.0	-10	.04	1	4	274.0	27.1
22A011/001	17:29:59	BB3	60.0	145.0	-10	.04	1	4	274.7	25.5
21G155/553	17:47:59	BB2	232.5	275.0	-30	.04	1	4	274.8	26.2
21A044/006	17:30:00	BB2	232.5	275.0	-30	.04	1	4	274.4	25.0
22G176/557	15:19:59	CLR	80.0	165.0	-20	.12	1	4	244.9	49.9
22A003/000	14:59:59	CLR	80.0	155.0	-20	.12	1	4	243.7	49.4
22G179/557	17:44:59	BB2	80.0	127.5	-30	.04	1	4	274.8	26.8
22A005/000	17:29:59	BB2	80.0	127.5	-30	.04	1	4	274.8	25.6

CE LABEL	LLT	DIODE	AZ START	AZ STOP	EPA	STEP	OFFSET	GAIN	SUN AZ	SUN EL
21H234/801	13:57:59	BB2	240.0	250.0	-30	0.04	1	4	214.0	33.3
21E253/406	15:23:43	BB2	240.0	245.0	-30	.04	1	4	214.4	34.4
21H245/828	13:19:58	CLR	215.0	232.5	-30	.12	1	4	200.7	30.0
21C174/159	13:19:59	CLR	205.0	270.0	-20	.12	1	4	200.8	30.1
21H253/853	13:19:57	RED	215.0	232.5	-30	.12	1	4	197.6	24.8
21C174/159	13:19:59	CLR	205.0	270.0	-20	.12	1	4	200.8	30.1
21I004/871	11:00:59	CLR	230.0	302.5	-30	.12	1	3	160.7	20.8
21D049/198	11:00:00	CLR	245.0	330.0	-30	.12	1	3	160.8	21.7
21I013/872	09:38:52	BB4	235.0	257.5	-10	.04	1	2	142.1	192.1
21D179/233	10:06:53	BB4	235.0	260.0	-10	.04	1	2	146.1	11.5
22I018/872	10:58:52	CLR	280.0	310.0	-10	.12	1	3	160.2	20.5
22D068/200	10:59:59	CLR	270.0	315.0	-10	.12	1	3	160.6	21.3
22I020/872	11:08:52	BB2	132.5	140.0	-30	.04	1	2	162.6	21.0
22D084/203	11:16:29	BB2	132.5	140.0	-30	.04	1	2	164.4	21.5
22I021/872	11:13:52	BB4	115.0	130.0	-10	.04	1	3	163.8	21.3
22E071/317	12:34:02	BB4	110.0	130.0	-10	.04	1	3	166.5	21.0
22I022/872	11:18:52	BLU	135.0	152.5	-30	.12	1	2	165.0	21.5
22D150/219	11:24:59	BLU	135.0	152.5	-30	.12	1	2	164.8	19.0
22I023/872	11:20:52	GRN	135.0	152.5	-30	.12	1	2	165.5	21.6
22D151/219	11:27:29	GRN	135.0	152.5	-30	.12	1	2	165.4	19.1
22I024/872	11:22:52	RED	135.0	152.5	-30	.12	1	3	165.9	21.7
22D152/219	11:29:59	RED	135.0	152.5	-30	.12	1	3	166.0	19.2
22I025/872	11:24:52	BLU	135.0	152.5	-30	.12	1	3	166.4	21.7
22D150/219	11:24:59	BLU	135.0	152.5	-30	.12	1	2	164.8	19.0
22I026/872	11:26:52	GRN	135.0	152.5	-30	.12	1	3	166.9	21.8
22D151/219	11:27:29	GRN	135.0	152.5	-30	.12	1	2	165.4	19.1
22I027/872	11:28:52	RED	135.0	152.5	-30	.12	1	4	167.4	21.9
22D152/219	11:29:59	RED	135.0	152.5	-30	.12	1	3	166.0	19.2
22I028/872	11:33:52	BB4	35.0	55.0	-10	.04	1	3	168.6	22.1
22E091/329	12:44:03	BB4	55.0	75.0	-10	.04	1	3	284.1	14.2
22I029/872	11:36:52	BB4	35.0	55.0	-10	.04	1	4	169.4	22.1
22E091/329	12:44:03	BB4	55.0	75.0	-10	.04	1	3	284.1	14.2
21I030/872	11:39:52	BLU	210.0	230.0	-30	.12	1	4	170.1	22.2
21E113/341	12:58:59	BLU	210.0	230.0	-20	.12	1	3	285.9	10.4
21I031/872	11:41:52	BLU	210.0	230.0	-30	.12	1	3	170.6	22.3
21E113/341	12:59:59	BLU	210.0	230.0	-20	.12	1	3	285.9	10.4
21I034/872	11:58:52	BB4	257.5	285.0	-10	.04	1	3	174.8	22.6
21D079/202	12:00:00	BB4	257.5	290.0	-10	.04	1	3	175.2	22.9
21I035/872	12:02:52	BB4	257.5	277.5	-10	.04	1	4	175.8	22.7
21D079/202	12:00:00	BB4	257.5	290.0	-10	.04	1	3	175.2	22.9
22I039/872	13:13:52	BLU	115.0	135.0	-30	.12	1	2	193.4	21.8
22D139/218	13:25:00	BLU	115.0	135.0	-30	.12	1	2	193.7	19.4
22I040/872	13:15:52	GRN	115.0	135.0	-30	.12	1	2	193.9	21.7
22D140/218	13:27:00	GRN	115.0	135.0	-30	.12	1	2	194.2	19.3

CE LABEL	LLT	DIODE	AZ START	AZ STOP	EPA	STEP	OFFSET	GAIN	SUN AZ	SUN EL
22I041/872	13:17:52	RED	115.0	135.0	-30	0.12	1	3	194.3	21.6
22D141/218	13:29:00	RED	115.0	135.0	-30	.12	1	3	194.6	19.2
22I042/872	13:19:52	BLU	115.0	135.0	-30	.12	1	3	194.8	21.5
22D139/218	13:25:00	BLU	115.0	135.0	-30	.12	1	2	193.7	19.4
22I043/872	13:21:52	GRN	115.0	135.0	-30	.12	1	3	195.3	21.4
22D140/218	13:27:00	GRN	115.0	135.0	-30	.12	1	2	194.2	19.3
22I044/872	13:23:52	RED	115.0	135.0	-30	.12	1	4	195.8	21.3
22D141/218	13:29:00	RED	115.0	135.0	-30	.12	1	3	194.6	19.2
22I065/955	12:03:59	BB4	75.0	100.0	-10	.04	1	3	163.7	16.7
22D243/269	12:04:01	BB4	75.0	100.0	-10	.04	1	3	166.4	16.3
21I068/955	12:43:59	BB4	235.0	260.0	-10	.04	1	4	172.9	18.1
21D248/269	12:44:01	BB4	235.0	257.5	-10	.04	1	3	175.6	17.3
21I069/955	12:46:59	BB4	235.0	260.0	-10	.04	1	2	173.6	18.1
21D248/269	12:44:01	BB4	235.0	257.5	-10	.04	1	3	175.6	17.3
22I072/955	13:28:59	BLU	135.0	152.5	-30	.12	1	2	183.5	18.3
22D253/269	13:29:01	BLU	135.0	152.5	-30	.12	1	3	186.0	17.2
22I073/955	13:30:59	GRN	135.0	152.5	-30	.12	1	2	183.9	18.3
22D254/269	13:31:01	GRN	135.0	152.5	-30	.12	1	3	186.5	17.2
22I074/955	13:32:59	RED	135.0	152.5	-30	.12	1	3	184.4	18.3
22D255/269	13:33:01	RED	135.0	152.5	-30	.12	1	4	187.0	17.2
22I075/955	13:34:59	BLU	135.0	152.5	-30	.12	1	3	184.9	18.2
22D253/269	13:29:01	BLU	135.0	152.5	-30	.12	1	3	186.0	17.2
22I076/955	13:36:59	GRN	135.0	152.5	-30	.12	1	3	185.3	18.2
22D254/269	13:31:01	GRN	135.0	152.5	-30	.12	1	3	186.5	17.2
22I077/955	13:38:59	RED	135.0	152.5	-30	.12	1	4	185.8	18.2
22D255/269	13:33:01	RED	135.0	152.5	-30	.12	1	4	187.0	17.2

IPL PICTURE IDENTIFIERS (EDR ORDER NUMBERS)

The lists of IPL picture (photograph) identifiers show the identification numbers for the experiment data record picture segments. These numbers are those to be used when requesting EDR photographic products from the National Space Science Data Center.

The photographic products for each diode image of triplet camera events are separately identified. Several IPL PIC ID's are listed for those images which have been segmented to facilitate film conversion.

ELEVATION COVERAGE CHARTS

The elevation coverage charts show the azimuth extent of camera events which have commanded vertical scans passing through 10° intervals of elevation.

The elevation subgroups (-60° to -50°, -50° to -40°, . . . , 0° to 10°) appear in low to high elevation order. There are separate charts for each camera. The entries are in camera-event order within each subgroup. Each entry lists the CE label, the LLT, and the diode type. The azimuth is shown in the CACCS system with the fiducial annotation appearing as it does on the CACCS scale of the skyline drawings. (See next section.)

SKYLINE DRAWINGS

The skyline drawings show image outlines on a rectilinear grid whose horizontal axis represents the azimuth of the camera scanning system and the vertical axis represents the elevation. The lander components are shown as they appear viewed from each camera.

The azimuth values indicated through the center of each camera view reference the CACCS. Azimuth values appearing above and below each camera view reference the LACCS. It is important to note that these coordinate systems reference the camera axes of rotation which are tilted relative to the local gravity vector. (See figs. 4(c) and 4(d).) The N located at the top edge of each camera view indicates the direction of north for the 0° elevation position.

The diagram presented in figure 8 provides another view of the lander components which appear in the skyline drawings. Figure 8 shows the surface sampler boom in an extended position rather than the stored position (with the protective shroud in place) as seen in the skyline drawings. The S-band high-gain antenna shown in figure 8 is also oriented differently from that in the skyline drawings.

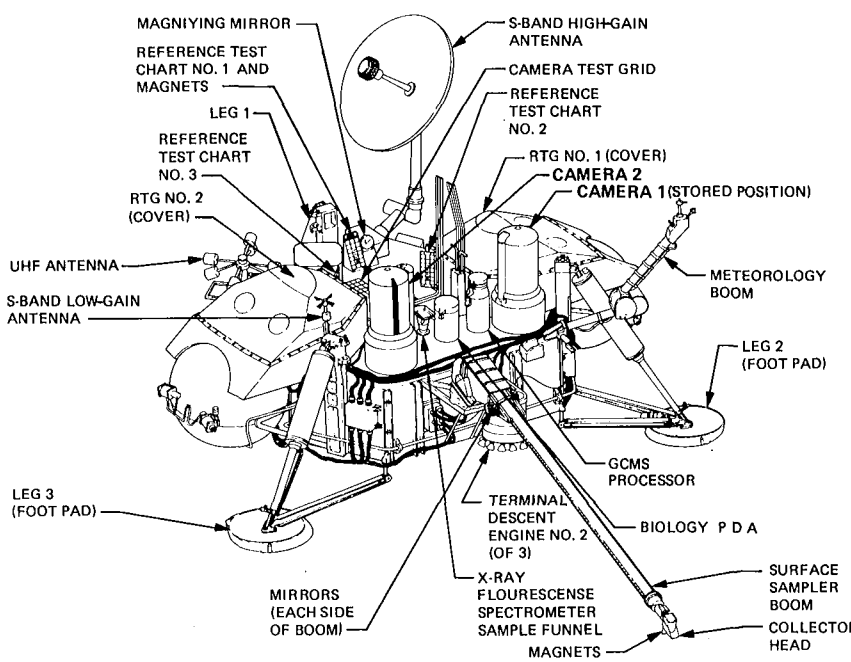


Figure 8.- Major lander components.

VIKING LANDER 2 EXPERIMENT DATA RECORD

This section contains the parameter lists, the skyline drawings, and the images for Viking Lander 2.

VL-2 PARAMETER LISTS

The organization of the VL-2 parameter lists which appear in this section is described in the section "Selection of Camera Event Parameter Lists," and each parameter has been explained previously. In all lists, the parameter entries for each camera event are preceded by the camera event label. The format of this label is shown in figure 9.

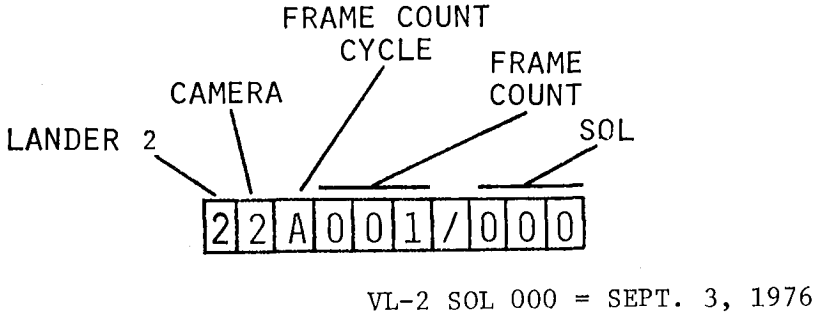


Figure 9.- Format of VL-2 camera event label.

PARAMETER LISTS

CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21C071/073	17:36:20	SINGLE	140.0/142.5	30	.04	4/2	1	3	REC/UH	16K	6	269.4/14.5	320/-22	323/06:34:58	00:15.8	
		SUN	ISDR 71	64	7	0	0		34.34	21.78		FN0031/01	1			
		SOLAR EXTINCTION														
21C072/073	18:16:20	SINGLE	147.5/150.0	20	.04	4/2	1	2	REC/UH	16K	6	276.6/ 8.0	327/-16	323/07:14:58	00:15.8	
		SUN	ISDR 71	64	7	0	0		32.81	3.08		FN0031/02	1			
		SOLAR EXTINCTION														
21C073/088	17:19:59	SINGLE	135.0/137.5	30	.04	4/2	1	3	REC/UH	16K	6	264.6/14.5	315/-22	338/16:12:26	00:15.8	
		SUN	ISDR 69	64	5	0	0		32.11	21.64		FN0031/03	1			
		SOLAR EXTINCTION														
21C074/088	17:58:32	SINGLE	142.5/145.0	20	.04	4/2	1	2	REC/UH	16K	4	271.6/ 8.2	322/-16	338/16:50:59	00:15.8	
		SUN	ISDR 69	64	5	0	0		33.40	4.06		FN0031/04	1			
		SOLAR EXTINCTION														
22C075/104	15:14:59	SINGLE	75.0/100.0	-50	.04	8/2	1	4	REC/UH	16K	2	236.9/30.5	108/-36	355/00:40:50	02:15.8	
		BB1	ISDR 633	626	7	0	0		30.34	10.14		FN0031/05	1			
		SAMPLE FIELD														
22C076/111	06:47:01	SINGLE	152.5/155.0	10	.04	4/2	1	2	REC/UH	16K	-21	98.3/10.0	333/ -1	361/20:49:59	00:15.8	
		SUN	SDR 71	64	7	0	0		31.02	.42		FN0031/06	1			
		AM SUN DIODE														
21C077/111	06:59:59	SINGLE	60.0/ 62.5	-10	.04	5/2	1	4	REC/UH	16K	-17	100.7/12.1	151/ -3	361/21:02:57	00:15.8	
		BB4	SDR 71	64	7	0	0		39.83	14.45		FN0031/07	1			
		HIGH RESOLUTION														
21C078/111	07:01:59	SINGLE	140.0/142.5	0	.04	5/2	1	4	REC/UH	16K	-17	101.1/12.4	152/ -4	361/21:04:57	00:15.8	
		BB4	SDR 71	64	7	0	0		53.96	13.53		FN0031/08	1			
		HIGH RESOLUTION														
21C079/111	07:03:59	SINGLE	247.5/250.0	0	.04	5/2	1	4	REC/UH	16K	-17	101.5/12.8	152/ -4	361/21:06:57	00:15.8	
		BB4	SDR 71	64	7	0	0		77.68	37.36		FN0031/09	1			
		HIGH RESOLUTION														
21C080/111	07:05:59	SINGLE	212.5/215.0	-20	.04	13/2	1	4	REC/UH	16K	-15	101.8/13.1	152/ -4	361/21:08:57	00:15.8	
		BB3	SDR 71	64	7	0	0		33.66	9.17		FN0031/10	1			
		HIGH RESOLUTION														
21C081/111	07:07:59	SINGLE	255.0/257.5	-50	.04	8/2	1	4	REC/UH	16K	-15	102.2/13.4	153/ -5	361/21:10:57	00:15.8	
		BB1	SDR 71	64	7	0	0		26.08	4.38		FN0031/11	1			
		HIGH RESOLUTION														
22C082/111	07:09:59	SINGLE	112.5/115.0	0	.04	5/2	1	4	REC/UH	16K	-21	102.6/13.7	337/ -5	361/21:12:57	00:15.8	
		BB4	SDR 71	64	7	0	0		171.62	77.46		FN0031/12	1			
		HIGH RESOLUTION														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22C083/111	07:42:01	SINGLE	162.5/165.0	20	.04	4/2	1	3	REC/UH	16K	-19	108.8/18.7	343/-10	361/21:44:59	00:15.8	
		SUN	SDR 71	64	7	0	0		23.97	4.14		FN0031/13	1			
		SUN														
22C084/111	08:59:59	SINGLE	87.5/ 95.0	-30	.04	0/2	1	4	REC/UH	16K	-15	125.6/30.0	358/-22	361/23:02:57	00:42.5	
		BB2	SDR 196	189	7	0	0		62.22	25.70		FN0031/14	1			
		HIGH RESOLUTION														
22C085/111	10:59:59	SINGLE	315.0/325.0	-30	.12	3/3	1	4	REC/UH	16K	-10	158.8/42.1	28/-37	362/01:02:57	00:20.3	
		RED	SDR 92	84	8	0	0		87.71	57.34		FN0031/15	1			
		X-RAY FUNNEL														
21C086/111	17:09:02	SINGLE	130.0/132.5	20	.04	4/2	1	3	REC/UH	16K	2	259.4/11.9	309/-19	362/07:11:59	00:15.8	
		SUN	SDR 71	64	7	0	0		30.98	11.05		FN0031/16	1			
		PM SUN DIODE														
21C087/111	17:47:02	SINGLE	137.5/140.0	20	.04	4/2	1	2	REC/UH	16K	0	266.4/ 5.8	317/-13	362/07:49:59	00:15.8	
		SUN	SDR 72	64	8	0	0		33.51	2.35		FN0031/17	1			
		PM SUN DIODE														
22C088/120	06:52:44	SINGLE	155.0/157.5	10	.04	4/2	1	2	REC/UH	16K	-27	100.9/ 9.4	336/ -1	005/02:51:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		31.13	4.22		FN0031/18	1			
		SOLAR EXTINCTION														
22C089/120	08:25:44	SINGLE	172.5/175.0	20	.04	4/2	1	3	REC/UH	16K	-23	119.4/23.6	353/-15	005/04:24:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		26.48	20.20		FN0031/19	1			
		SOLAR EXTINCTION														
22C090/120	09:14:44	SINGLE	182.5/185.0	30	.04	4/2	1	3	REC/UH	16K	-21	130.5/30.2	3/-23	005/05:13:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		26.32	17.59		FN0031/20	1			
		SOLAR EXTINCTION														
22C091/120	10:19:44	SINGLE	197.5/200.0	30	.04	4/2	1	3	REC/UH	16K	-17	147.7/37.1	18/-31	005/06:18:59	00:15.8	
		SUN	ISDR 73	64	9	0	0		52.81	56.34		FN0031/21	1			
		SOLAR EXTINCTION														
22C092/124	17:29:59	SINGLE	57.5/ 60.0	-10	.04	5/2	1	4	REC/UH	16K	-10	261.3/ 6.1	136/-13	009/16:07:35	00:15.8	
		BB4	ISDR 64	64	2	2	1		34.66	34.21		FN0031/22	1			
		COMPOSITE														
22C093/124	17:31:59	SINGLE	155.0/157.5	-30	.04	13/2	1	4	REC/UH	16K	-10	261.6/ 5.7	136/-13	009/16:09:35	00:15.8	
		BB3	ISDR 71	64	7	0	0		67.27	62.50		FN0031/23	1			
		COMPOSITE														
21C094/124	17:33:59	SINGLE	57.5/ 60.0	-10	.04	5/2	1	4	REC/UH	16K	-6	262.0/ 5.4	312/-13	009/16:11:35	00:15.8	
		BB4	ISDR 43	0	0	21	1		60.51	59.69		FN0031/24	1			
		COMPOSITE														

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22C095/125	08:59:59	SINGLE	160.0/162.5	-50	.04	8/2	1	4	REC/UH	16K	-59	127.8/27.3	1/-20	010/08:17:10	00:15.8	
		BB1	ISDR 75	64	11	0	0		51.50	21.63		FN0031/25	1			
		COMPOSITE														
21C096/125	09:01:59	SINGLE	325.0/327.5	-50	.04	8/2	1	4	REC/UH	16K	-17	128.3/27.5	177/-20	010/08:19:10	00:15.8	
		BB1	ISDR 75	64	11	0	0		40.58	20.85		FN0031/26	1			
		COMPOSITE														
22C097/128	08:59:59	SINGLE	260.0/305.0	-10	.04	13/2	1	4	REC/UH	16K	-17	128.3/26.7	1/-19	013/10:15:56	04:02.5	
		BB3	ISDR 1137	1126	11	0	0		67.51	31.73		FN0031/27	2			
		COMPOSITE														
21C098/129	08:59:58	SINGLE	55.0/ 90.0	0	.04	5/2	1	4	REC/UH	16K	-25	128.4/26.4	177/-19	014/10:55:31	03:09.1	
		BB4	ISDR 875	876	3	4	1		103.27	65.24		FN0031/28	1			
		COMPOSITE														
21C099/130	08:59:59	SINGLE	127.5/182.5	-10	.04	13/2	1	4	REC/UH	16K	-19	128.6/26.2	178/-19	015/11:35:07	04:55.8	
		BB3	ISDR 1383	1376	7	0	0		88.55	19.16		FN0031/29	2			
		COMPOSITE														
22C100/131	08:59:59	SINGLE	37.5/ 82.5	-50	.04	8/2	1	4	REC/UH	16K	-25	128.7/26.0	2/-18	016/12:14:42	04:02.5	
		BB1	ISDR 1136	1126	10	0	0		73.51	31.70		FN0031/30	2			
		COMPOSITE														
21C101/131	10:59:59	SINGLE	225.0/240.0	-40	.04	8/2	1	4	REC/UH	16K	-15	160.5/37.4	206/-33	016/14:14:42	01:22.5	
		BB1	ISDR 384	376	8	0	0		71.43	21.92		FN0031/31	1			
		BRUSH MAGNET CALIBRATION														
22C102/131	11:02:29	SINGLE	12.5/ 22.5	-20	.04	8/2	1	4	REC/UH	16K	-21	161.2/37.5	31/-33	016/14:17:12	00:55.8	
		BB1	ISDR 257	251	6	0	0		87.66	28.09		FN0031/32	1			
		BRUSH MAGNET CALIBRATION														
21C103/131	15:29:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-10	236.5/22.9	285/-28	016/18:44:42	00:11.4	
		BB1	ISDR 50	43	7	0	0		52.55	43.07		FN0031/33	1			
		SCAN VER														
21C104/131	15:30:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-10	236.5/22.8	285/-28	016/18:44:53	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0031/34	1			
		CALIBRATION FRAME														
21C105/131	16:35:16	SINGLE	120.0/122.5	30	.04	4/2	1	3	REC/UH	16K	-10	249.9/13.4	299/-20	016/19:49:59	00:15.8	
		SUN	ISDR 73	64	9	0	0		130.31	63.51		FN0031/35	1			
		PM SUN DIODE														
21C106/131	17:25:16	SINGLE	130.0/132.5	20	.04	4/2	1	2	REC/UH	16K	-12	259.3/ 5.5	310/-13	016/20:39:59	00:15.8	
		SUN	ISDR 70	64	7	1	1		31.35	1.40		FN0031/36	1			
		PM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22C107/132	06:24:59	COLOR	87.5/145.0	10	.12	1/1	1	5	REC/UH	16K	-31	97.8/ 2.8	333/ 5	017/10:19:17	05:09.1	
		BLU	ISDR 194	481	1	287	1		62.47	31.96		FN0031/37	1			
		GRN	ISDR 194	481	1	287	1		53.07	25.85		FN0031/38	1			
		RED	ISDR 193	481	1	288	1		43.76	20.78		FN0031/39	1			
		AM SKY BRIGHTNESS														
22C108/132	06:55:41	SINGLE	157.5/160.0	0	.04	4/2	1	2	REC/UH	16K	-29	103.5/ 7.7	338/ 0	017/10:49:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		31.04	1.63		FN0031/40	1			
		AM SUN DIODE														
22C109/132	07:19:59	COLOR	95.0/155.0	10	.12	1/1	1	5	REC/UH	16K	-31	108.0/11.5	343/ -3	017/11:14:17	05:22.5	
		BLU	SDR 501	0	0	0	0		92.42	49.68		FN0031/41	1			
		GRN	SDR 500	0	0	1	1		89.70	46.43		FN0031/42	1			
		RED	SDR 500	0	0	1	1		80.30	40.70		FN0031/43	1			
		AM SKY BRIGHTNESS														
22C110/132	07:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-27	115.9/17.6	350/ -9	017/11:54:17	00:11.4	
		BB1	ISDR 49	43	6	0	0		55.56	28.22		FN0031/44	1			
		SCAN VER														
22C111/132	08:00:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-27	115.9/17.5	350/- 9	017/11:54:28	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0032/01	1			
		CALIBRATION FRAME														
22C112/132	08:15:41	SINGLE	172.5/175.0	20	.04	4/2	1	3	REC/UH	16K	-27	119.1/19.8	353/-12	017/12:09:59	00:15.8	
		SUN	ISDR 73	64	9	0	0		34.86	34.26		FN0032/02	1			
		AM SUN DIODE														
22C113/132	08:24:59	COLOR	107.5/167.5	10	.12	1/1	1	5	REC/UH	16K	-27	121.1/21.1	355/-13	017/12:19:17	05:22.5	
		BLU	ISDR 468	502	1	34	1		121.48	51.27		FN0032/03	1			
		GRN	ISDR 469	502	1	33	1		118.75	52.52		FN0032/04	1			
		RED	ISDR 469	502	1	33	1		102.59	54.72		FN0032/05	1			
		AM SKY BRIGHTNESS														
22C114/132	09:39:59	COLOR	122.5/182.5	10	.12	1/1	1	5	REC/UH	16K	-23	138.5/30.5	11/-24	017/13:34:17	05:22.5	
		BLU	ISDR 501	0	0	0	0		125.03	60.12		FN0032/06	1			
		GRN	ISDR 500	0	0	1	1		122.68	62.61		FN0032/07	1			
		RED	ISDR 500	0	0	1	1		115.52	61.32		FN0032/08	1			
		AM SKY BRIGHTNESS														
22C115/132	09:59:59	COLOR	305.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	-19	143.7/32.6	15/-26	017/13:54:17	00:29.2	
		BLU	ISDR 44	44	1	0	0		83.13	57.67		FN0032/09	1			
		GRN	ISDR 44	44	1	0	0		90.87	59.79		FN0032/10	1			
		RED	ISDR 43	44	1	1	1		99.39	53.98		FN0032/11	1			
		RTC														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22C116/132	10:49:59	COLOR	145.0/200.0	10	.12	1/1	1	5	REC/UH	16K	-17	157.6/36.6	28/-32	017/14:44:17	04:55.8	
		BLU	ISDR 459	0	0	0	0		128.79	65.94		FN0032/12	1			
		GRN	ISDR 459	0	0	0	0		128.84	67.45		FN0032/13	1			
		RED	ISDR 458	0	0	1	1		124.50	65.42		FN0032/14	1			
		AM SKY BRIGHTNESS														
22C117/132	10:59:59	COLOR	315.0/330.0	-30	.12	1/1	1	5	REC/UH	16K	-15	160.6/37.2	30/-33	017/14:54:17	01:22.5	
		BLU	ISDR 127	127	1	0	0		65.84	49.42		FN0032/15	1			
		GRN	ISDR 126	127	1	1	1		59.62	36.72		FN0032/16	1			
		RED	ISDR 126	127	1	1	1		53.66	24.36		FN0032/17	1			
		X-RAY FUNNEL														
22C118/132	12:24:59	COLOR	172.5/227.5	10	.12	1/1	1	5	REC/UH	16K	-12	186.8/38.7	55/-38	017/16:19:17	04:55.8	
		BLU	ISDR 460	460	1	0	0		122.43	66.66		FN0032/18	1			
		GRN	ISDR 460	460	1	0	0		123.89	67.35		FN0032/19	1			
		RED	ISDR 459	460	1	1	1		121.27	64.65		FN0032/20	1			
		PM SKY BRIGHTNESS														
21C119/132	12:59:59	SINGLE	210.0/220.0	-30	.04	0/2	1	4	REC/UH	16K	-8	197.5/37.5	242/-38	017/16:54:17	00:55.8	
		BB2	ISDR 257	251	6	0	0		105.90	22.60		FN0032/21	1			
		XRFS TRENCH														
22C120/141	06:59:59	SINGLE	160.0/162.5	-50	.04	8/2	1	2	REC/UH	16K	-35	105.7/ 6.7	340/ 1	026/16:50:34	00:15.8	
		BB1	ISDR 71	64	7	0	0		69.87	18.77		FN0032/22	1			
		HI-RES GORE														
22C121/141	07:01:59	SINGLE	190.0/192.5	-30	.04	13/2	1	2	REC/UH	16K	-35	106.0/ 7.0	341/ 1	026/16:52:34	00:15.8	
		BB3	ISDR 71	64	7	0	0		102.33	38.94		FN0032/23	1			
		HI-RES GORE														
22C122/141	07:03:59	SINGLE	212.5/215.0	-10	.04	5/2	1	2	REC/UH	16K	-35	106.4/ 7.3	341/ 0	026/16:54:34	00:15.8	
		BB4	ISDR 71	64	7	0	0		117.58	40.08		FN0032/24	1			
		HI-RES GORE														
22C123/141	07:05:59	SINGLE	322.5/325.0	0	.04	5/2	1	2	REC/UH	16K	-35	106.8/ 7.6	341/ 0	026/16:56:34	00:15.8	
		BB4	ISDR 71	64	7	0	0		121.50	23.71		FN0032/25	1			
		HI-RES GORE														
21C124/141	08:59:59	SINGLE	227.5/262.5	-30	.04	0/2	1	3	REC/UH	16K	-27	130.1/23.9	179/-16	026/18:50:34	03:09.1	
		BB2	ISDR 883	876	7	0	0		113.86	39.83		FN0032/26	1			
		HI-RES COMPOSITE														
21C125/141	09:09:59	SINGLE	27.5/ 57.5	-10	.04	5/2	1	3	REC/UH	16K	-25	132.4/25.1	181/-18	026/19:00:34	02:42.5	
		BB4	ISDR 758	751	7	0	0		104.09	40.90		FN0032/27	1			
		HI-RES COMPOSITE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS				
22C126/144	14:24:59	SINGLE	115.0/160.0	-10	.04	1/2	1	2	REC/UH	16K	-13	219.5/28.1	90/-32	030/02:14:20	04:02.5
		BLU	ISDR 1133	1126	7	0	0		181.14	44.09		FN0032/28	2		
		HI-RES/COLOR MONITOR													
22C127/144	14:29:59	SINGLE	115.0/160.0	-10	.04	2/2	1	2	REC/UH	16K	-13	220.7/27.5	91/-31	030/02:19:20	04:02.5
		GRN	ISDR 1135	1126	9	0	0		184.62	46.34		FN0032/29	2		
		HI-RES/COLOR MONITOR													
22C128/144	14:34:59	SINGLE	115.0/160.0	-10	.04	3/2	1	2	REC/UH	16K	-13	221.9/27.0	93/-31	030/02:24:20	04:02.5
		RED	ISDR 1129	1126	3	0	0		184.31	37.35		FN0032/30	2		
		HI-RES/COLOR MONITOR													
22C129/144	14:39:02	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-12	222.9/26.5	94/-31	030/02:28:23	00:18.0
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0032/31	1		
		CALIBRATION FRAME													
21C130/145	10:49:59	SINGLE	145.0/165.0	-10	.04	1/2	1	3	REC/UH	16K	-13	158.5/33.4	205/-29	030/23:18:55	01:49.2
		BLU	ISDR 508	501	7	0	0		118.44	32.35		FN0032/32	1		
		HI-RES/COLOR MONITOR													
21C131/145	10:52:59	SINGLE	145.0/165.0	-10	.04	2/2	1	3	REC/UH	16K	-12	159.3/33.6	206/-29	030/23:21:55	01:49.2
		GRN	ISDR 509	501	8	0	0		143.38	33.52		FN0032/33	1		
		HI-RES/COLOR MONITOR													
21C132/145	10:55:59	SINGLE	145.0/165.0	-10	.04	3/2	1	3	REC/UH	16K	-12	160.1/33.8	206/-29	030/23:24:55	01:49.2
		RED	ISDR 508	501	7	0	0		163.25	32.97		FN0032/34	1		
		HI-RES/COLOR MONITOR													
21C133/145	10:57:48	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-12	160.6/33.8	207/-29	030/23:26:44	00:18.0
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0032/35	1		
		CALIBRATION FRAME													
21C134/145	10:58:59	SINGLE	235.0/255.0	-10	.04	1/2	1	3	REC/UH	16K	-12	161.0/34.0	207/-30	030/23:27:55	01:49.2
		BLU	ISDR 505	501	5	1	1		128.73	24.48		FN0032/36	1		
		HI-RES/COLOR MONITOR													
21C135/145	11:01:59	SINGLE	235.0/255.0	-10	.04	2/2	1	3	REC/UH	16K	-10	161.9/34.1	208/-30	030/23:30:55	01:49.2
		GRN	ISDR 509	501	8	0	0		158.04	30.59		FN0032/37	1		
		HI-RES/COLOR MONITOR													
21C136/145	11:04:59	SINGLE	235.0/255.0	-10	.04	3/2	1	3	REC/UH	16K	-10	162.7/34.3	209/-30	030/23:33:55	01:49.2
		RED	ISDR 507	501	6	0	0		189.08	37.23		FN0032/38	1		
		HI-RES/COLOR MONITOR													
21C137/145	12:59:59	SINGLE	217.5/222.5	-30	.04	0/2	1	3	REC/UH	16K	-6	196.5/34.4	242/-35	031/01:28:55	00:29.2
		BB2	ISDR 133	126	7	0	0		171.70	33.70		FN0033/01	1		
		XRFS DUMP SITE													

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22C138/145	13:19:59	SINGLE	27.5/ 35.0	-20	.04	0/2	1	3	REC/UH	16K	-12	202.2/33.3	71/-35	031/01:48:55	00:42.5	
		BB2	ISDR 196	189	7	0	0		166.50	32.39		FN0033/02	1			
		XRFS DUMP SITE														
21C139/145	14:14:59	SINGLE	217.5/222.5	-30	.04	0/2	1	3	REC/UH	16K	-4	216.9/28.8	263/-32	031/02:43:55	00:29.2	
		BB2	ISDR 133	126	7	0	0		140.11	30.84		FN0033/03	1			
		XRFS DUMP SITE														
21C140/145	16:11:02	SINGLE	112.5/115.0	30	.04	4/2	1	2	REC/UH	16K	-6	242.8/14.4	292/-21	031/04:39:58	00:15.8	
		SUN	ISDR 71	64	7	0	0		31.57	1.62		FN0033/04	1			
		PM SUN DIODE														
21C141/145	16:19:59	SINGLE	190.0/215.0	-20	.04	13/2	1	2	REC/UH	16K	-6	244.6/13.1	294/-19	031/04:48:55	02:15.8	
		BB3	ISDR 633	626	7	0	0		120.79	35.79		FN0033/05	1			
		GORE FILL														
21C142/145	17:11:02	SINGLE	125.0/127.5	20	.04	4/2	1	0	REC/UH	16K	-6	254.3/ 5.3	304/-12	031/05:39:58	00:15.8	
		SUN	ISDR 71	64	7	0	0		123.91	2.54		FN0033/06	1			
		PM SUN DIODE														
21C143/145	17:41:02	COLOR	132.5/132.5	10	.12	1/1	1	5	REC/UH	250	-6	259.8/ 0.5	310/ -8	031/06:09:58	20:02.5	R
		BLU	SDR 27	2	27	1	1		31.25	7.35		FN0033/07	1			
		GRN	SDR 28	2	27	0	0		28.04	4.90		FN0033/08	1			
		RED	SDR 28	2	27	0	0		23.45	1.26		FN0033/09	1			
		PM TWILIGHT RESCAN														
21C144/145	18:02:32	COLOR	137.5/137.5	10	.12	1/1	1	3	REC/UH	250	-8	263.6/-3.0	314/ -5	031/06:31:28	20:02.5	R
		BLU	SDR 27	2	27	1	1		31.24	7.14		FN0033/10	1			
		GRN	SDR 28	2	27	0	0		29.29	5.55		FN0033/11	1			
		RED	SDR 28	2	27	0	0		25.92	3.08		FN0033/12	1			
		PM TWILIGHT RESCAN														
21C145/145	18:24:02	COLOR	142.5/142.5	10	.12	1/1	1	1	REC/UH	250	-8	267.5/-6.5	318/ -1	031/06:52:58	20:02.5	R
		BLU	SDR 27	2	27	1	1		74.86	12.61		FN0033/13	1			
		GRN	SDR 28	2	27	0	0		73.89	10.27		FN0033/14	1			
		RED	SDR 28	2	27	0	0		71.53	6.73		FN0033/15	1			
		PM TWILIGHT RESCAN														
22C146/146	07:11:27	SINGLE	162.5/165.0	0	.04	4/2	1	0	REC/UH	16K	-23	108.6/ 7.5	343/ 0	031/20:19:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		135.64	2.54		FN0033/16	1			
		AM SUN DIODE														
22C147/146	08:31:27	SINGLE	177.5/180.0	20	.04	4/2	1	2	REC/UH	16K	-21	124.4/19.1	358/-11	031/21:39:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		31.05	.84		FN0033/17	1			
		AM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21C148/146	08:59:59	SINGLE	322.5/335.0	-10	.04	5/2	1	3	REC/UH	16K	-15	130.7/22.8	180/-15	031/22:08:31	01:09.2	
		BB4	SDR 317	314	3	0	0		126.49	60.36		FN0033/18	1			
		HI-RES	GORE FILL													
22C149/146	09:04:59	SINGLE	185.0/217.5	-20	.04	13/2	1	3	REC/UH	16K	-19	131.8/23.4	5/-16	031/22:13:31	02:55.8	
		BB3	ISDR 820	814	7	1	1		126.48	51.01		FN0033/19	1			
		HI-RES	GORE FILL													
22C150/146	09:09:59	SINGLE	232.5/260.0	0	.04	5/2	1	3	REC/UH	16K	-19	133.0/24.0	6/-17	031/22:18:31	02:29.2	
		BB4	ISDR 698	689	9	0	0		140.05	56.78		FN0033/20	1			
		HI-RES	GORE FILL													
21C151/146	11:30:00	SINGLE	135.0/170.0	0	.04	5/2	1	3	REC/UH	16K	-10	170.0/35.0	216/-32	032/00:38:32	03:09.1	
		BB4	ISDR 882	876	6	0	0		174.89	49.50		FN0033/21	1			
		HI-RES	GORE FILL													
21C152/146	11:35:00	SINGLE	182.5/210.0	-50	.04	8/2	1	3	REC/UH	16K	-10	171.5/35.1	217/-32	032/00:43:32	02:29.2	
		BB1	ISDR 691	689	2	0	0		96.81	42.37		FN0033/22	1			
		HI-RES	GORE FILL													
21C153/146	11:40:00	SINGLE	275.0/280.0	-50	.04	8/2	1	3	REC/UH	16K	-8	172.9/35.2	218/-32	032/00:48:32	00:29.2	
		BB1	ISDR 134	126	8	0	0		126.22	49.00		FN0033/23	1			
		HI-RES	GORE FILL													
21C154/146	11:42:00	SINGLE	132.5/137.5	-10	.04	5/2	1	3	REC/UH	16K	-8	173.5/35.3	219/-32	032/00:50:32	00:29.2	
		BB4	ISDR 134	126	8	0	0		177.16	33.94		FN0033/24	1			
		HI-RES	GORE FILL													
21C155/146	11:45:00	SINGLE	307.5/317.5	-50	.04	8/2	1	3	REC/UH	16K	-8	174.4/35.3	220/-33	032/00:53:32	00:55.8	
		BB1	ISDR 259	251	8	0	0		84.47	43.90		FN0033/25	1			
		HI-RES	GORE FILL													
21C156/146	11:50:00	SINGLE	310.0/330.0	-40	.04	0/2	1	3	REC/UH	16K	-8	175.9/35.4	221/-33	032/00:58:32	01:49.2	
		BB2	ISDR 509	501	8	0	0		85.18	38.61		FN0033/26	1			
		HI-RES	GORE FILL													
22C157/146	11:55:00	SINGLE	12.5/ 25.0	-20	.04	13/2	1	3	REC/UH	16K	-13	177.4/35.4	47/-33	032/01:03:32	01:09.2	
		BB3	ISDR 321	314	7	0	0		159.23	56.06		FN0033/27	1			
		HI-RES	GORE FILL													
22C158/146	12:00:00	SINGLE	265.0/305.0	-20	.04	13/2	1	3	REC/UH	16K	-13	178.9/35.4	48/-33	032/01:08:32	03:35.8	
		BB3	ISDR 1008	1001	7	0	0		117.92	48.76		FN0033/28	2			
		HI-RES	GORE FILL													
21C159/146	12:50:00	SINGLE	222.5/240.0	-30	.04	0/2	1	3	REC/UH	16K	-6	193.6/34.6	239/-35	032/01:58:32	01:35.8	
		BB2	ISDR 446	439	7	0	0		145.88	51.14		FN0033/29	1			
		XRFS	DUMP SITE													

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22C160/146	12:55:00	SINGLE	35.0/ 47.5	-20	.04	0/2	1	3	REC/UH	16K	-12	195.0/34.4	64/-35	032/02:03:32	01:09.2	
		BB2	ISDR	321	314	7	0	0	178.98	49.77		FN0033/30	1			
		XRFS DUMP SITE														
21C161/146	13:00:00	SINGLE	217.5/222.5	-30	.04	0/2	1	3	REC/UH	16K	-6	196.5/34.1	242/-35	032/02:08:32	00:29.2	
		BB2	ISDR	132	126	6	0	0	183.10	45.78		FN0033/31	1			
		XRFS DUMP SITE														
22C162/146	13:05:00	SINGLE	27.5/ 35.0	-20	.04	0/2	1	3	REC/UH	16K	-10	197.9/33.9	67/-34	032/02:13:32	00:42.5	
		BB2	ISDR	198	189	9	0	0	184.53	40.99		FN0033/32	1			
		XRFS DUMP SITE														
21C163/154	16:10:20	SINGLE	282.5/290.0	-30	.04	8/2	1	2	REC/UH	16K	-6	241.2/12.8	290/-19	040/10:35:33	00:42.5	
		BB1	ISDR	196	189	7	0	0	127.33	48.56		FN0033/33	1			
		TEMP. SENSOR														
22C164/155	13:30:00	SINGLE	142.5/157.5	-30	.04	0/2	1	3	REC/UH	16K	-12	203.9/30.4	74/-32	041/08:34:49	01:22.5	
		BB2	ISDR	384	376	8	0	0	131.30	54.31		FN0033/34	1			
		HI-RES MONITOR														
22C165/155	13:31:23	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-12	204.2/30.2	74/-32	041/08:36:12	00:18.0	
		CAL	ISDR	84	0	0	0	0	.00	.00		FN0033/35	1			
		CALIBRATION FRAME														
22C166/158	14:06:24	SINGLE	80.0/100.0	-20	.04	13/2	1	3	REC/UH	16K	-21	212.9/26.9	84/-30	044/11:09:59	01:49.2	
		BB3	ISDR	509	501	8	0	0	207.17	37.73		FN0033/36	1			
		SEA EFFECT HI-RES														
22C167/158	14:36:24	SINGLE	80.0/100.0	-20	.04	13/2	1	3	REC/UH	16K	-19	220.2/23.9	91/-28	044/11:39:59	01:49.2	
		BB3	ISDR	507	501	6	0	0	184.06	48.05		FN0033/37	1			
		SEA EFFECT HI-RES														
22C168/158	15:11:24	SINGLE	80.0/102.5	-20	.04	13/2	1	2	REC/UH	16K	-19	228.2/20.0	100/-25	044/12:14:59	02:02.5	
		BB3	ISDR	568	564	4	0	0	183.98	32.50		FN0033/38	1			
		SEA EFFECT HI-RES														
22C169/158	15:46:24	SINGLE	80.0/102.5	-20	.04	13/2	1	2	REC/UH	16K	-19	235.6/15.5	108/-21	044/12:49:59	02:02.5	
		BB3	ISDR	571	564	7	0	0	175.29	40.62		FN0033/39	1			
		SEA EFFECT HI-RES														
22C170/158	16:21:24	SINGLE	80.0/102.5	-20	.04	13/2	1	2	REC/UH	16K	-19	242.6/10.5	116/-17	044/13:24:59	02:02.5	
		BB3	ISDR	571	564	7	0	0	135.45	32.84		FN0033/40	1			
		SEA EFFECT HI-RES														
22C171/158	16:41:24	SINGLE	80.0/102.5	-20	.04	13/2	1	1	REC/UH	16K	-21	246.5/ 7.6	120/-14	044/13:44:59	02:02.5	
		BB3	ISDR	567	564	3	0	0	189.17	28.36		FN0033/41	1			
		SEA EFFECT HI-RES														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN		DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AV. DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22C172/158	16:56:24	SINGLE	80.0/102.5		-20	.04	13/2	1	1	REC/UH	16K	-21	249.3/ 5.3	123/-12	044/13:59:59	02:02.5	
		BB3	ISDR	567	564	5	2	1		153.63	21.43		FN0033/42	1			
		SEA EFFECT HI-RES															
21C173/159	12:59:59	COLOR	22.5/205.0		-20	.12	1/1	1	3	REC/UH	16K	-6	195.3/31.1	241/-31	045/10:43:09	16:15.7	
		BLU	ISDR	1512	0	0	10	5		100.64	40.24		FN0034/01	2			
		GRN	ISDR	1510	0	0	12	7		112.80	45.01		FN0034/02	2			
		RED	ISDR	1514	0	0	8	3		119.09	47.36		FN0034/03	2			
		COLOR PAN / P10 MONITOR															
21C174/159	13:19:59	COLOR	205.0/270.0		-20	.12	1/1	1	4	REC/UH	16K	-2	200.8/30.1	247/-31	045/11:03:09	05:49.1	
		BLU	SDR	542	0	0	1	1		83.81	45.64		FN0034/04	1			
		GRN	SDR	542	0	0	1	1		97.94	51.43		FN0034/05	1			
		RED	SDR	542	0	0	1	1		104.88	45.47		FN0034/06	1			
		COLOR PAN / P10 MONITOR															
21C175/159	13:29:59	COLOR	270.0/335.0		-30	.12	1/1	1	3	REC/UH	16K	0	203.4/29.5	249/-31	045/11:13:09	05:49.1	
		BLU	ISDR	544	544	1	0	0		99.29	52.50		FN0034/07	1			
		GRN	ISDR	543	544	1	1	1		112.06	58.48		FN0034/08	1			
		RED	ISDR	543	544	1	1	1		116.03	58.16		FN0034/09	1			
		COLOR PAN / P10 MONITOR															
21C176/159	13:35:48	SINGLE	170.0/170.0		-40		/7			REC/UH	16K	0	204.9/29.0	251/-31	045/11:18:58	00:18.0	
		CAL	ISDR	84	0	0	0	0		.00	.00		FN0034/10	1			
		CALIBRATION FRAME															
22C177/159	15:01:49	SINGLE	277.5/280.0		30	.04	4/2	1	3	REC/UH	16K	-12	225.9/20.9	98/-25	045/12:44:59	00:15.8	
		SUN	ISDR	71	64	7	0	0		36.90	22.32		FN0034/11	1			
		PM SUN DIODE															
22C178/159	15:59:59	SINGLE	145.0/157.5		-30	.04	13/2	1	2	REC/UH	16K	-12	238.2/13.4	111/-19	045/13:43:09	01:09.2	
		BB3	ISDR	317	314	5	2	1		121.36	32.20		FN0034/12	1			
		MON. SHROUD															
21C179/159	16:11:49	SINGLE	110.0/112.5		20	.04	4/2	1	2	REC/UH	16K	-4	240.6/11.8	290/-18	045/13:54:59	00:15.8	
		SUN	ISDR	72	64	8	0	0		32.64	14.53		FN0034/13	1			
		PM SUN DIODE															
21C180/159	16:14:59	SINGLE	57.5/ 60.0		-10	.04	5/2	1	2	REC/UH	16K	-4	241.2/11.3	291/-17	045/13:58:09	00:15.8	
		BB4	ISDR	69	64	5	0	0		90.53	26.51		FN0034/14	1			
		HI-RES GORE															
22C181/159	16:29:59	SINGLE	57.5/ 60.0		-10	.04	5/2	1	2	REC/UH	16K	-12	244.1/ 9.1	118/-15	045/14:13:09	00:15.8	
		BB4	ISDR	71	64	7	0	0		103.13	21.96		FN0034/15	1			
		HI-RES GORE															

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22C182/160	05:40:14	COLOR	150.0/150.0	10	.12	1/1	1	1	REC/UH	250	-12	94.0/-9.9	329/ 18	046/04:02:59	20:02.5	R
		BLU	SDR 27	2	27	1	1		109.74	41.24		FN0034/16	1			
		GRN	SDR 28	2	27	0	0		109.72	42.01		FN0034/17	1			
		RED	SDR 28	2	27	0	0		103.66	33.73		FN0034/18	1			
		DAWN THRESHOLD														
22C183/160	06:01:44	COLOR	155.0/155.0	10	.12	1/1	1	3	REC/UH	250	-29	97.8/-6.4	333/ 14	046/04:24:29	20:02.5	R
		BLU	SDR 27	2	27	1	1		46.90	15.22		FN0034/19	1			
		GRN	SDR 28	2	27	0	0		40.52	11.23		FN0034/20	1			
		RED	SDR 28	2	27	0	0		34.36	7.68		FN0034/21	1			
		DAWN THRESHOLD														
22C184/160	06:23:14	COLOR	160.0/160.0	10	.12	1/1	1	5	REC/UH	250	-29	101.7/-3.0	336/ 11	046/04:45:59	20:02.5	R
		BLU	SDR 28	2	27	0	0		46.25	32.25		FN0034/22	1			
		GRN	SDR 28	2	27	0	0		42.61	38.30		FN0034/23	1			
		RED	SDR 28	2	27	0	0		29.72	6.53		FN0034/24	1			
		DAWN THRESHOLD														
22C185/160	08:47:14	SINGLE	182.5/185.0	20	.04	4/2	1	1	REC/UH	16K	-21	129.4/18.1	3/-11	046/07:09:59	00:15.8	
		SUN	ISDR 69	64	5	0	0		68.33	3.94		FN0034/25	1			
		AM SUN DIODE														
22C186/160	09:47:14	SINGLE	195.0/197.5	20	.04	4/2	1	2	REC/UH	16K	-21	143.0/24.9	15/-19	046/08:09:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		32.19	11.14		FN0034/26	1			
		AM SUN DIODE														
22C187/160	10:52:14	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-19	159.6/29.9	31/-25	046/09:14:59	00:15.8	
		SUN	ISDR 69	64	5	0	0		31.72	5.16		FN0034/27	1			
		AM SUN DIODE														
22C188/160	12:17:14	SINGLE	232.5/235.0	30	.04	4/2	1	3	REC/UH	16K	-17	183.3/32.0	53/-31	046/10:39:59	00:15.8	
		SUN	ISDR 69	64	5	0	0		26.25	12.98		FN0034/28	1			
		PM SUN DIODE														
22C189/160	14:59:59	SINGLE	175.0/190.0	-20	.04	13/2	1	2	REC/UH	16K	-15	225.3/20.9	97/-25	046/13:22:44	01:22.5	
		BB3	ISDR 385	376	9	0	0		166.26	44.89		FN0034/29	1			
		ACCUMULATED FINES														
21C190/160	15:29:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-15	231.9/17.3	280/-22	046/13:52:44	00:11.4	
		BB1	ISDR 50	43	7	0	0		49.20	38.73		FN0034/30	1			
		SCAN VER														
21C191/160	15:30:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-15	231.9/17.2	280/-22	046/13:52:55	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0034/31	1			
		CALIBRATION FRAME														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22C192/161	08:29:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-39	125.9/15.6	0/ -8	047/07:32:19	00:11.4	
		BB1	ISDR 50	43	7	0	0		62.38	24.09		FN0034/32	1			
		SCAN VER														
22C193/161	08:30:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-37	125.8/15.6	/- 8	047/07:32:30	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0034/33	1			
		CALIBRATION FRAME														
21C194/161	08:59:59	SINGLE	242.5/260.0	-50	.04	8/2	1	2	REC/UH	16K	-31	132.2/19.4	182/-12	047/08:02:19	01:35.8	
		BB1	ISDR 446	439	7	0	0		121.55	25.19		FN0034/34	1			
		MON. DURICRUST														
22C195/161	09:04:59	SINGLE	85.0/105.0	-50	.04	8/2	1	2	REC/UH	16K	-37	133.3/20.0	7/-13	047/08:07:19	01:49.2	
		BB1	ISDR 510	501	9	0	0		125.90	25.61		FN0034/35	1			
		MON. DURICRUST														
22C196/161	09:09:59	SINGLE	80.0/130.0	-30	.04	13/2	1	2	REC/UH	16K	-37	134.5/20.6	8/-14	047/08:12:19	04:29.1	
		BB3	ISDR 1256	1251	5	0	0		151.30	33.55		FN0034/36	2			
		TROUGHS AND DRIFTS														
22C197/161	09:19:59	SINGLE	25.0/140.0	-10	.04	5/2	1	2	REC/UH	16K	-35	136.7/21.8	10/-15	047/08:22:19	10:15.8	
		BB4	ISDR 2883	2876	7	0	0		177.78	38.78		FN0034/37	4			
		TROUGHS AND DRIFTS														
21C198/161	10:59:59	SINGLE	100.0/130.0	0	.04	5/2	1	3	REC/UH	16K	-25	161.7/30.1	209/-26	047/10:02:19	02:42.5	
		BB4	ISDR 754	751	3	0	0		143.49	49.93		FN0035/01	1			
		ACCUMULATED FINES														
22C199/161	11:27:59	SINGLE	290.0/297.5	-10	.04	13/2	1	3	REC/UH	16K	-29	169.4/31.2	40/-28	047/10:30:19	00:42.5	
		BB3	ISDR 194	189	7	2	1		107.34	42.03		FN0035/02	1			
		FRONT PORCH														
21C200/161	13:09:59	SINGLE	222.5/240.0	-30	.04	0/2	1	3	REC/UH	16K	-21	197.8/30.2	244/-31	047/12:12:19	01:35.8	
		BB2	ISDR 446	439	7	0	0		64.91	11.35		FN0035/03	1			
		SAMPLE SITE POST ACQ														
21C201/161	13:14:59	SINGLE	217.5/222.5	-30	.04	0/2	1	3	REC/UH	16K	-19	199.2/29.9	245/-31	047/12:17:19	00:29.2	
		BB2	ISDR 136	126	10	0	0		67.08	12.24		FN0035/04	1			
		ROCK PILE														
22C202/161	13:19:59	SINGLE	35.0/ 47.5	-20	.04	0/2	1	3	REC/UH	16K	-25	200.5/29.6	71/-31	047/12:22:19	01:09.2	
		BB2	ISDR 319	314	5	0	0		68.75	16.60		FN0035/05	1			
		SAMPLE SITE POST ACQ														
22C203/161	13:24:59	SINGLE	27.5/ 35.0	-20	.04	0/2	1	3	REC/UH	16K	-23	201.9/29.3	72/-31	047/12:27:19	00:42.5	
		BB2	ISDR 194	189	5	0	0		64.66	11.09		FN0035/06	1			
		ROCK PILE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS	AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS						
21C204/162	11:00:00	SINGLE	130.0/177.5	0	.04	5/2	1	3	REC/UH	16K	-17	161.7/29.9	209/-26	048/10:41:55	04:15.8	
		BB4	ISDR 1195	1189	7	1	1		166.72	43.11		FN0035/07	2			
		ACCUMULATED FINES														
22C205/162	13:30:00	COLOR	315.0/330.0	-30	.12	1/1	1	4	REC/UH	16K	-15	203.1/28.8	73/-30	048/13:11:55	01:22.5	
		BLU	ISDR 127	127	1	0	0		52.76	27.70		FN0035/08	1			
		GRN	ISDR 127	127	1	0	0		53.65	24.92		FN0035/09	1			
		RED	ISDR 126	127	1	1	1		56.21	22.37		FN0035/10	1			
		X-RAY FUNNEL														
22C206/162	13:31:23	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-15	203.4/28.7	74/-30	048/13:13:18	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0035/11	1			
		CALIBRATION FRAME														
21C207/163	09:00:00	SINGLE	210.0/260.0	-10	.04	5/2	1	2	REC/UH	16K	-19	132.4/19.0	182/-12	049/09:21:31	04:29.1	
		BB4	ISDR 1254	1251	3	0	0		184.62	39.78		FN0035/12	2			
		TROUGHS AND DRIFTS														
21C208/165	10:59:58	SINGLE	260.0/305.0	-20	.04	5/2	1	3	REC/UH	16K	-15	161.8/29.2	209/-25	051/12:40:40	04:02.5	
		BB4	ISDR 1129	1126	3	0	0		145.14	41.02		FN0035/13	2			
		TROUGHS AND DRIFTS														
22C209/170	09:00:00	SINGLE	82.5/ 82.5	-10	.04	3/2	1	2	REC/UH	16K	-15	133.0/17.4	7/-10	056/13:58:37	01:22.5	R
		RED	ISDR 384	1	383	0	0		154.14	27.61		FN0035/14	1			
		MON. MOTION ON SURFACE @ HIGH														
22C210/170	15:00:00	SINGLE	117.5/132.5	-30	.04	0/2	1	2	REC/UH	16K	-21	223.7/19.1	96/-23	056/19:58:37	01:22.5	
		BB2	ISDR 385	376	9	0	0		142.91	23.83		FN0035/15	1			
		GAIN AND OFFSET STUDY														
22C211/170	15:03:00	SINGLE	117.5/132.5	-30	.04	0/2	5	2	REC/UH	16K	-21	224.3/18.8	96/-23	056/20:01:37	01:22.5	
		BB2	ISDR 383	376	7	0	0		108.90	62.28		FN0035/16	1			
		GAIN AND OFFSET STUDY														
22C212/170	15:06:00	SINGLE	117.5/132.5	-30	.04	0/2	9	2	REC/UH	16K	-21	225.0/18.4	97/-23	056/20:04:37	01:22.5	
		BB2	ISDR 379	376	3	0	0		129.42	57.30		FN0035/17	1			
		GAIN AND OFFSET STUDY														
22C213/170	15:09:00	SINGLE	117.5/132.5	-30	.04	0/2	13	2	REC/UH	16K	-21	225.7/18.1	98/-23	056/20:07:37	01:22.5	
		BB2	ISDR 384	376	8	0	0		82.50	38.28		FN0035/18	1			
		GAIN AND OFFSET STUDY														
22C214/170	15:12:00	SINGLE	117.5/132.5	-30	.04	0/2	17	2	REC/UH	16K	-19	226.3/17.7	99/-22	056/20:10:37	01:22.5	
		BB2	ISDR 381	376	6	1	1		85.66	49.13		FN0035/19	1			
		GAIN AND OFFSET STUDY														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22C215/172	11:19:59	COLOR	285.0/310.0	-20	.12	1/1	1	4	REC/UH	16K	-23	167.0/28.4	38/-25	058/17:37:48	02:15.8	
		BLU	ISDR 210	210	1	0	0		33.94	18.31		FN0035/20	1			
		GRN	ISDR 210	210	1	0	0		37.46	18.35		FN0035/21	1			
		RED	ISDR 210	210	1	0	0		49.24	19.20		FN0035/22	1			
		MON GRID / RTC														
22C216/172	11:22:15	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-23	167.6/28.4	38/-25	058/17:40:04	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0035/23	1			
		CALIBRATION FRAME														
22C217/172	11:23:59	SINGLE	140.0/160.0	-30	.04	13/2	1	2	REC/UH	16K	-23	168.1/28.5	39/-25	058/17:41:48	01:49.2	
		BB3	ISDR 509	501	8	0	0		175.52	43.30		FN0035/24	1			
		MON SHROUD														
22C218/172	11:26:59	SINGLE	175.0/190.0	-20	.04	13/2	1	2	REC/UH	16K	-23	168.9/28.6	40/-25	058/17:44:48	01:22.5	
		BB3	ISDR 384	376	8	0	0		175.00	46.58		FN0035/25	1			
		MON ACCULULATED FINES														
21C219/172	14:44:59	SINGLE	217.5/222.5	-30	.04	0/2	1	3	REC/UH	16K	-12	220.0/20.4	268/-24	058/21:02:47	00:29.2	
		BB2	ISDR 134	126	8	0	0		74.13	13.34		FN0035/26	1			
		DUMP SITE														
21C220/172	14:45:28	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-10	220.0/20.3	268/-24	058/21:03:16	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0035/27	1			
		CALIBRATION FRAME														
21C221/172	14:46:59	SINGLE	222.5/240.0	-30	.04	0/2	1	3	REC/UH	16K	-12	220.4/20.2	268/-24	058/21:04:47	01:35.8	
		BB2	ISDR 442	439	3	0	0		74.96	13.41		FN0035/28	1			
		SUPPORT TRENCH														
22C222/172	14:50:59	SINGLE	27.5/ 35.0	-20	.04	0/2	1	3	REC/UH	16K	-15	221.3/19.7	93/-24	058/21:08:47	00:42.5	
		BB2	ISDR 194	189	5	0	0		72.36	13.96		FN0035/29	1			
		DUMP SITE														
22C223/172	14:52:59	SINGLE	35.0/ 47.5	-20	.04	0/2	1	3	REC/UH	16K	-15	221.8/19.5	94/-24	058/21:10:47	01:09.2	
		BB2	ISDR 321	314	7	0	0		77.12	17.52		FN0035/30	1			
		SUPPORT TRENCH														
22C224/173	11:00:05	SINGLE	212.5/215.0	30	.04	4/2	1	1	REC/UH	16K	-23	161.8/27.3	33/-23	059/17:57:29	00:15.8	
		SUN	ISDR 71	64	7	0	0		67.52	1.76		FN0035/31	1			
		ATMOS. ATTENUATION														
21C225/173	11:01:59	SINGLE	295.0/300.0	-10	.04	1/2	1	3	REC/UH	16K	-17	162.2/27.3	209/-23	059/17:59:23	00:29.2	
		BLU	ISDR 133	126	7	0	0		77.15	33.29		FN0035/32	1			
		MON. HORIZON														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21C226/173	11:03:59	SINGLE	295.0/300.0	-10	.04	2/2	1	3	REC/UH	16K	-17	162.8/27.4	210/-23	059/18:01:23	00:29.2	
		GRN	ISDR	133	126	7	0	0	95.39	35.63		FN0035/33	1			
		MON. HORIZON														
21C227/173	11:05:59	SINGLE	295.0/300.0	-10	.04	3/2	1	3	REC/UH	16K	-17	163.3/27.5	210/-23	059/18:03:23	00:29.2	
		RED	ISDR	133	126	7	0	0	121.12	26.01		FN0035/34	1			
		MON. HORIZON														
22C228/173	12:07:25	SINGLE	230.0/232.5	30	.04	4/2	1	2	REC/UH	16K	-21	179.7/29.0	50/-27	059/19:04:49	00:15.8	
		SUN	ISDR	71	64	7	0	0	31.02	.49		FN0035/35	1			
		ATMOS. ATTENUATION														
21C229/173	12:59:59	SINGLE	295.0/300.0	-10	.04	1/2	1	3	REC/UH	16K	-15	193.9/28.0	240/-28	059/19:57:23	00:29.2	
		BLU	ISDR	134	126	8	0	0	88.58	28.57		FN0035/36	1			
		MON. HORIZON														
21C230/173	13:01:59	SINGLE	295.0/300.0	-10	.04	2/2	1	3	REC/UH	16K	-15	194.4/27.9	241/-28	059/19:59:23	00:29.2	
		GRN	ISDR	134	126	8	0	0	111.46	34.84		FN0035/37	1			
		MON. HORIZON														
21C231/173	13:03:59	SINGLE	295.0/300.0	-10	.04	3/2	1	3	REC/UH	16K	-15	194.9/27.8	241/-28	059/20:01:23	00:29.2	
		RED	ISDR	134	126	8	0	0	139.49	27.75		FN0035/38	1			
		MON. HORIZON														
22C232/173	13:12:25	SINGLE	247.5/250.0	30	.04	4/2	1	2	REC/UH	16K	-19	197.1/27.4	68/-28	059/20:09:49	00:15.8	
		SUN	ISDR	71	64	7	0	0	31.03	.86		FN0035/39	1			
		ATMOS. ATTENUATION														
22C233/173	14:00:05	SINGLE	260.0/262.5	30	.04	4/2	1	2	REC/UH	16K	-19	209.2/24.4	80/-27	059/20:57:29	00:15.8	
		SUN	ISDR	71	64	7	0	0	31.03	.63		FN0035/40	1			
		ATMOS. ATTENUATION														
22C234/173	14:07:35	COLOR	195.0/255.0	10	.12	1/1	1	5	REC/UH	16K	-19	211.1/23.8	82/-26	059/21:04:59	05:22.5	
		BLU	ISDR	501	0	0	0	0	91.81	53.65		FN0035/41	1			
		GRN	ISDR	501	0	0	0	0	94.67	53.41		FN0035/42	1			
		RED	ISDR	500	0	0	1	1	90.56	51.86		FN0035/43	1			
		PM SKY BRIGHTNESS														
22C235/173	14:14:35	IR	197.5/257.5	10	.12	9/1	1	5	REC/UH	16K	-19	212.7/23.1	84/-26	059/21:11:59	05:22.5	
		IR3	ISDR	502	502	1	0	0	71.18	43.75		FN0036/01	1			
		IR2	ISDR	501	502	1	1	1	71.44	44.12		FN0036/02	1			
		IR1	ISDR	501	502	1	1	1	75.27	45.72		FN0036/03	1			
		PM SKY BRIGHTNESS														
22C236/173	14:32:59	SINGLE	55.0/ 70.0	-10	.04	1/2	1	3	REC/UH	16K	-15	217.1/21.4	89/-25	059/21:30:23	01:22.5	
		BLU	ISDR	382	376	6	0	0	70.71	12.09		FN0036/04	1			
		MON. DUNE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22C237/173	14:35:59	SINGLE	55.0/ 70.0	-10	.04	2/2	1	3	REC/UH	16K	-15	217.8/21.1	89/-25	059/21:33:23	01:22.5	
		GRN	ISDR 382	376	6	0	0		88.18	16.74		FN0036/05	1			
		MON. DUNE														
22C238/173	14:38:59	SINGLE	55.0/ 70.0	-10	.04	3/2	1	3	REC/UH	16K	-15	218.5/20.8	90/-24	059/21:36:23	01:22.5	
		RED	ISDR 379	376	3	0	0		119.06	21.43		FN0036/06	1			
		MON. DUNE														
22C239/173	15:00:05	SINGLE	275.0/277.5	30	.04	4/2	1	2	REC/UH	16K	-17	223.2/18.6	95/-23	059/21:57:28	00:15.8	
		SUN	ISDR 71	64	7	0	0		31.01	.21		FN0036/07	1			
		ATMOS. ATTENUATION														
21C240/173	15:02:59	SINGLE	295.0/300.0	-10	.04	1/2	1	3	REC/UH	16K	-17	223.8/18.2	272/-22	059/22:00:22	00:29.2	
		BLU	ISDR 133	126	7	0	0		63.50	15.48		FN0036/08	1			
		MON. HORIZON														
21C241/173	15:04:59	SINGLE	295.0/300.0	-10	.04	2/2	1	3	REC/UH	16K	-17	224.3/18.0	272/-22	059/22:02:22	00:29.2	
		GRN	ISDR 144	126	19	1	1		77.47	19.37		FN0036/09	1			
		MON. HORIZON														
21C242/173	15:06:59	SINGLE	295.0/300.0	-10	.04	3/2	1	3	REC/UH	16K	-15	224.7/17.8	273/-22	059/22:04:22	00:29.2	
		RED	ISDR 133	126	7	0	0		95.55	18.84		FN0036/10	1			
		MON. HORIZON														
22C243/173	15:22:35	SINGLE	280.0/282.5	30	.04	4/2	1	1	REC/UH	16K	-17	228.0/15.9	101/-21	059/22:19:58	00:15.8	
		SUN	ISDR 71	64	7	0	0		69.15	8.40		FN0036/11	1			
		ATMOS. ATTENUATION														
21C244/173	15:31:59	COLOR	210.0/307.5	-20	.12	1/1	1	2	REC/UH	16K	-17	230.0/14.8	279/-20	059/22:29:22	08:42.4	
		BLU	ISDR 814	0	0	0	0		97.89	52.39		FN0036/12	1			
		GRN	ISDR 814	0	0	0	0		100.77	38.96		FN0036/13	1			
		RED	ISDR 813	0	0	1	1		123.12	34.11		FN0036/14	1			
		LOW SEA COLOR														
22C245/174	09:30:30	SINGLE	192.5/195.0	20	.04	4/2	1	0	REC/UH	16K	-31	139.9/19.9	13/-13	060/17:07:29	00:15.8	
		SUN	ISDR 72	64	8	0	0		134.21	2.78		FN0036/15	1			
		ATMOS. ATTENUATION														
21C246/174	09:31:59	SINGLE	295.0/300.0	-10	.04	1/2	1	3	REC/UH	16K	-23	140.3/20.0	189/-13	060/17:08:58	00:29.2	
		BLU	ISDR 136	126	10	0	0		52.14	25.02		FN0036/16	1			
		MON. HORIZON														
21C247/174	09:33:59	SINGLE	295.0/300.0	-10	.04	2/2	1	3	REC/UH	16K	-23	140.7/20.3	190/-14	060/17:10:58	00:29.2	
		GRN	ISDR 136	126	10	0	0		64.72	29.39		FN0036/17	1			
		MON. HORIZON														

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VL-2 CAMERA EVENT REPORT

CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21C248/174 09:35:59	SINGLE	295.0/300.0	-10	.04	3/2	1	3	REC/UH	16K	-23	141.2/20.5	190/-14	060/17:12:58	00:29.2	
	RED	ISDR 134	126	8	0	0		86.10	27.75		FN0036/18	1			
	MON. HORIZON														
21C249/174 09:59:59	SINGLE	295.0/300.0	-10	.04	1/2	1	3	REC/UH	16K	-23	146.8/22.8	195/-17	060/17:36:58	00:29.2	
	BLU	ISDR 132	126	6	0	0		57.43	26.91		FN0036/19	1			
	MON. HORIZON														
21C250/174 10:01:59	SINGLE	295.0/300.0	-10	.04	2/2	1	3	REC/UH	16K	-23	147.2/22.9	196/-17	060/17:38:58	00:29.2	
	GRN	ISDR 132	126	6	0	0		72.60	32.38		FN0036/20	1			
	MON. HORIZON														
21C251/174 10:03:59	SINGLE	295.0/300.0	-10	.04	3/2	1	3	REC/UH	16K	-23	147.7/23.1	196/-17	060/17:40:58	00:29.2	
	RED	ISDR 132	126	6	0	0		98.44	31.52		FN0036/21	1			
	MON. HORIZON														
22C252/174 10:15:30	SINGLE	202.5/205.0	30	.04	4/2	1	1	REC/UH	16K	-29	150.5/24.1	23/-19	060/17:52:29	00:15.8	
	SUN	ISDR 69	64	5	0	0		67.00	2.06		FN0036/22	1			
	ATMOS. ATTENUATION														
22C253/177 12:08:59	SINGLE	80.0/127.5	-30	.04	13/2	1	3	REC/UH	16K	-19	179.9/28.1	50/-26	063/21:44:44	04:15.8	
	BB3	ISDR 1196	1189	7	0	0		119.26	25.52		FN0036/23	2			
	FOCUS IMPROVEMENT														
22C254/177 12:14:29	SINGLE	127.5/162.5	-30	.04	0/2	1	3	REC/UH	16K	-19	181.3/28.1	52/-26	063/21:50:14	03:09.1	
	BB2	SDR 879	876	3	0	0		106.02	28.49		FN0036/24	1			
	FOCUS IMPROVEMENT														
22C255/184 05:51:08	COLOR	160.0/160.0	10	.12	1/1	1	0	REC/UH	250	-19	98.7/-13	333/ 21	070/20:03:59	25:02.5	R
	BLU	SDR 35	2	35	1	1		147.68	3.35		FN0036/25	1			
	GRN	SDR 35	2	35	1	1		147.91	3.10		FN0036/26	1			
	RED	SDR 35	2	35	1	1		147.98	1.99		FN0036/27	1			
	AM TWILIGHT RESCAN														
22D000/184 06:17:38	COLOR	162.5/162.5	10	.12	1/1	1	2	REC/UH	250	-29	103.3/-8.9	338/ 17	070/20:30:29	25:02.5	R
	BLU	SDR 35	2	35	1	1		38.25	5.52		FN0036/28	1			
	GRN	SDR 35	2	35	1	1		38.05	4.98		FN0036/29	1			
	RED	SDR 35	2	35	1	1		37.98	4.08		FN0036/30	1			
	AM TWILIGHT RESCAN														
22D001/184 06:45:08	COLOR	167.5/167.5	10	.12	1/1	1	4	REC/UH	250	-27	108.1/-4.6	343/ 12	070/20:57:59	25:02.5	R
	BLU	SDR 35	2	35	1	1		26.63	5.05		FN0036/31	1			
	GRN	SDR 35	2	35	1	1		25.47	2.96		FN0036/32	1			
	RED	SDR 35	2	35	1	1		24.38	2.20		FN0036/33	1			
	AM TWILIGHT RESCAN														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS		
22D002/184	10:14:38	SINGLE	202.5/205.0	20	.04	4/2	1	1	REC/UH	16K	-21	150.4/21.7	23/-16	071/00:27:29	00:15.8
		SUN	ISDR	71	64	7	0	0	67.22	1.47		FN0036/34	1		
		AM SUN DIODE													
22D003/184	10:48:08	SINGLE	210.0/212.5	20	.04	4/2	1	1	REC/UH	16K	-21	158.5/24.0	30/-19	071/01:00:59	00:15.8
		SUN	ISDR	71	64	7	0	0	67.48	1.64		FN0036/35	1		
		AM SUN DIODE													
22D004/184	10:59:59	SINGLE	292.5/312.5	0	.04	5/2	1	3	REC/UH	16K	-21	161.5/24.7	33/-20	071/01:12:50	01:49.2
		BB4	ISDR	508	501	8	1	1	100.33	42.83		FN0036/36	1		
		FOCUS IMPROVEMENT													
22D005/184	11:29:38	SINGLE	220.0/222.5	30	.04	4/2	1	1	REC/UH	16K	-21	169.0/25.9	40/-23	071/01:42:29	00:15.8
		SUN	ISDR	71	64	7	0	0	68.50	2.29		FN0036/37	1		
		AM SUN DIODE													
22D006/184	12:09:38	SINGLE	230.0/232.5	30	.04	4/2	1	1	REC/UH	16K	-21	179.5/26.6	50/-25	071/02:22:29	00:15.8
		SUN	ISDR	71	64	7	0	0	68.52	2.31		FN0036/38	1		
		PM SUN DIODE													
22D007/184	12:49:38	SINGLE	240.0/242.5	30	.04	4/2	1	1	REC/UH	16K	-19	189.9/26.0	61/-26	071/03:02:29	00:15.8
		SUN	ISDR	71	64	7	0	0	69.42	2.32		FN0036/39	1		
		PM SUN DIODE													
22D008/184	13:27:08	SINGLE	250.0/252.5	30	.04	4/2	1	1	REC/UH	16K	-19	199.5/24.5	70/-25	071/03:39:59	00:15.8
		SUN	ISDR	71	64	7	0	0	68.33	2.16		FN0036/40	1		
		PM SUN DIODE													
21D009/184	13:59:59	SINGLE	110.0/180.0	0	.04	5/2	1	3	REC/UH	16K	-17	207.5/22.3	255/-24	071/04:12:50	06:15.8
		BB4	ISDR	1756	1751	5	0	0	95.53	40.26		FN0036/41	3		
		MON. DRIFTS													
22D010/184	14:17:08	SINGLE	262.5/265.0	30	.04	4/2	1	1	REC/UH	16K	-19	211.6/21.0	83/-24	071/04:29:59	00:15.8
		SUN	ISDR	72	64	8	0	0	68.11	1.93		FN0036/42	1		
		PM SUN DIODE													
22D011/184	14:47:08	SINGLE	270.0/272.5	30	.04	4/2	1	1	REC/UH	16K	-19	218.4/18.2	91/-22	071/04:59:59	00:15.8
		SUN	ISDR	72	64	8	0	0	68.19	2.16		FN0036/43	1		
		PM SUN DIODE													
21D012/184	17:01:08	COLOR	120.0/120.0	10	.12	1/1	1	4	REC/UH	250	-19	245.2/ 1.0	296/ -7	071/07:14:00	25:02.5 R
		BLU	SDR	35	2	35	1	1	35.64	11.32		FN0037/01	1		
		GRN	SDR	35	2	35	1	1	33.29	9.43		FN0037/02	1		
		RED	SDR	35	2	35	1	1	28.58	5.97		FN0037/03	1		
		PM TWILIGHT RESCAN													

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21D013/184	17:27:38	COLOR	125.0/125.0		10	.12	1/1	1	2	REC/UH	250	-21	249.9/-3.0	301/ -4	071/07:40:30	25:02.5	R
		BLU	SDR	35	2	35	1	1		44.35	12.65		FN0037/04	1			
		GRN	SDR	35	2	35	1	1		43.60	11.31		FN0037/05	1			
		RED	SDR	35	2	35	1	1		41.26	7.89		FN0037/06	1			
		PM TWILIGHT RESCAN															
21D014/184	17:54:08	COLOR	130.0/130.0		10	.12	1/1	1	0	REC/UH	250	-19	254.6/-7.1	305/ -0	071/08:07:00	25:02.5	R
		BLU	SDR	35	2	35	1	1		144.29	14.60		FN0037/07	1			
		GRN	SDR	35	2	35	1	1		142.83	11.79		FN0037/08	1			
		RED	SDR	35	2	35	1	1		140.22	7.76		FN0037/09	1			
		PM TWILIGHT RESCAN															
22D015/186	13:50:00	SINGLE	102.5/112.5		-30	.04	0/2	1	2	REC/UH	16K	-21	204.8/22.7	76/-24	073/05:22:01	00:55.8	
		BB2	ISDR	259	251	8	0	0		185.34	33.00		FN0037/10	1			
		MON. XRFS TRENCH															
22D016/187	13:37:53	SINGLE	252.5/255.0		30	.04	4/2	1	1	REC/UH	16K	-23	201.7/23.3	73/-25	074/05:49:30	00:15.8	
		SUN	ISDR	71	64	7	0	0		68.61	4.18		FN0037/11	1			
		PM SUN DIODE															
21D017/188	11:29:59	COLOR	215.0/300.0		-30	.12	1/1	1	3	REC/UH	16K	-21	168.9/25.1	216/-22	075/04:21:11	07:35.8	
		BLU	ISDR	711	710	2	0	0		76.58	35.99		FN0037/12	1			
		GRN	ISDR	710	710	2	1	1		89.31	32.67		FN0037/13	1			
		RED	ISDR	710	710	2	1	1		110.48	37.46		FN0037/14	1			
		ACCUMULATED FINES															
21D018/188	11:37:35	SINGLE	170.0/170.0		-40		/7			REC/UH	16K	-19	170.8/25.2	218/-22	075/04:28:47	00:18.0	
		CAL	ISDR	84	0	0	0	0		.00	.00		FN0037/15	1			
		CALIBRATION FRAME															
22D019/188	11:59:59	SINGLE	80.0/132.5		-30	.04	13/2	1	3	REC/UH	16K	-27	176.6/25.7	48/-23	075/04:51:11	04:42.5	
		BB3	ISDR	1317	1314	3	0	0		120.82	29.39		FN0037/16	2			
		MON. DRIFTS															
22D020/188	12:04:42	SINGLE	170.0/170.0		-40		/7			REC/UH	16K	-27	177.8/25.7	49/-24	075/04:55:54	00:18.0	
		CAL	ISDR	84	0	0	0	0		.00	.00		FN0037/17	1			
		CALIBRATION FRAME															
22D021/188	13:38:18	SINGLE	252.5/255.0		30	.04	4/2	1	1	REC/UH	16K	-23	201.7/23.1	73/-24	075/06:29:30	00:15.8	
		SUN	ISDR	71	64	7	0	0		67.64	2.22		FN0037/18	1			
		PM SUN DIODE															
22D022/189	10:38:41	SINGLE	207.5/210.0		20	.04	4/2	1	1	REC/UH	16K	-27	156.1/22.3	28/-17	076/04:09:29	00:15.8	
		SUN	ISDR	69	64	5	0	0		66.77	2.09		FN0037/19	1			
		AM SUN DIODE															

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21D023/190	10:28:00	SINGLE	.0/ 5.0	0	.12	8/3	1	3	REC/UH	16K	-25	153.5/21.4	202/-16	077/04:38:22	00:11.4	
		BB1	ISDR 50	43	7	0	0		55.92	54.24		FN0037/20	1			
		SCAN VER														
21D024/190	10:28:11	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-25	153.5/21.3	202/-16	077/04:38:33	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0037/21	1			
		CALIBRATION FRAME														
21D025/190	10:30:00	SINGLE	215.0/260.0	-10	.04	5/2	1	2	REC/UH	16K	-25	153.9/21.5	202/-16	077/04:40:22	04:02.5	
		BB4	ISDR 1134	1126	8	0	0		193.64	35.56		FN0037/22	2			
		MON. DUNES														
21D026/190	10:35:00	SINGLE	260.0/300.0	-20	.04	5/2	1	2	REC/UH	16K	-25	155.1/21.9	203/-17	077/04:45:22	03:35.8	
		BB4	ISDR 1004	1001	5	2	1		181.61	40.74		FN0037/23	2			
		MON. TROUGHS / DRIFTS														
22D027/190	10:39:38	SINGLE	207.5/210.0	20	.04	4/2	1	1	REC/UH	16K	-33	156.2/22.2	28/-17	077/04:50:00	00:15.8	
		SUN	ISDR 71	64	7	0	0		66.64	8.19		FN0037/24	1			
		AM SUN DIODE														
22D028/190	10:45:00	SINGLE	.0/ 5.0	0	.12	8/3	1	3	REC/UH	16K	-33	157.5/22.5	30/-18	077/04:55:22	00:11.4	
		BB1	ISDR 48	43	5	0	0		49.21	45.42		FN0037/25	1			
		SCAN VER														
22D029/190	10:45:11	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-33	157.5/22.5	30/-18	077/04:55:33	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0037/26	1			
		CALIBRATION FRAME														
22D030/190	10:47:00	COLOR	285.0/310.0	-20	.12	1/1	1	4	REC/UH	16K	-33	158.0/22.6	30/-18	077/04:57:22	02:15.8	
		BLU	ISDR 210	210	1	0	0		41.19	30.24		FN0037/27	1			
		GRN	ISDR 210	210	1	0	0		40.15	26.64		FN0037/28	1			
		RED	ISDR 209	210	1	1	1		46.46	24.12		FN0037/29	1			
		MON. GRID / CHARTS														
22D031/190	10:50:31	SINGLE	85.0/105.0	-50	.04	8/2	1	2	REC/UH	16K	-31	158.9/22.9	31/-18	077/05:00:53	01:49.2	
		BB1	ISDR 509	501	8	0	0		151.99	34.11		FN0037/30	1			
		MON. DURICRUST														
22D032/190	10:54:00	SINGLE	25.0/140.0	-10	.04	0/2	1	3	REC/UH	16K	-31	159.7/23.1	32/-19	077/05:04:22	10:15.8	
		BB2	ISDR 2879	2876	3	0	0		133.43	33.79		FN0037/31	4			
		MON. DRIFTS														
22D033/191	10:34:32	SINGLE	207.5/210.0	20	.04	4/2	1	1	REC/UH	16K	-31	155.0/21.6	27/-17	078/05:24:30	00:15.8	
		SUN	ISDR 69	64	5	0	0		66.47	2.65		FN0037/32	1			
		MON. AM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21D034/192 09:59:59		SINGLE	245.0/260.0	-50	.04	8/2	1	2	REC/UH	16K	-19	146.9/18.7	196/-13	079/05:29:32	01:22.5	
		BB1	ISDR	384	376	8	0	0	111.60	23.58		FN0037/33	1			
		MON. DURICRUST														
22D035/192 10:34:57		SINGLE	207.5/210.0	20	.04	4/2	1	1	REC/UH	16K	-25	155.1/21.4	27/-16	079/06:04:30	00:15.8	
		SUN	ISDR	71	64	7	0	0	67.44	5.79		FN0037/34	1			
		AM SUN DIODE														
21D036/193 08:44:58		SINGLE	155.0/185.0	-20	.04	0/2	1	2	REC/UH	16K	-21	130.9/10.4	181/ -3	080/04:54:07	02:42.5	
		BB2	ISDR	758	751	7	0	0	85.15	11.83		FN0037/35	1			
		AM FROST														
22D037/193 08:49:58		SINGLE	292.5/310.0	20	.04	8/2	1	2	REC/UH	16K	-29	131.9/11.0	6/ -4	080/04:59:07	01:35.8	
		BB1	ISDR	442	439	3	0	0	99.89	52.97		FN0037/36	1			
		AM HGA FROST														
22D038/193 10:59:58		COLOR	285.0/310.0	-10	.12	1/1	1	3	REC/UH	16K	-25	161.1/22.7	33/-18	080/07:09:07	02:15.8	
		BLU	ISDR	210	210	1	0	0	56.95	39.24		FN0037/37	1			
		GRN	ISDR	210	210	1	0	0	62.85	35.06		FN0037/38	1			
		RED	ISDR	209	210	1	1	1	78.77	30.08		FN0037/39	1			
		RTC, GRID, HGA														
21D039/193 11:29:58		SINGLE	110.0/180.0	0	.04	5/2	1	3	REC/UH	16K	-15	168.5/24.0	216/-21	080/07:39:07	06:15.8	
		BB4	ISDR	1757	1751	6	0	0	116.94	43.18		FN0037/40	3			
		ACCUMULATED FINES														
22D040/193 11:40:49		SINGLE	222.5/225.0	30	.04	4/2	1	1	REC/UH	16K	-23	171.3/24.3	43/-21	080/07:49:58	00:15.8	
		SUN	ISDR	69	64	5	0	0	67.97	1.87		FN0038/01	1			
		AM SUN DIODE														
22D041/193 13:09:59		SINGLE	140.0/160.0	-30	.04	13/2	1	3	REC/UH	16K	-21	193.9/23.6	65/-24	080/09:19:08	01:49.2	
		BB3	ISDR	504	501	3	0	0	88.48	23.33		FN0038/02	1			
		ACCUMULATED FINES														
22D042/193 13:12:59		SINGLE	175.0/190.0	-20	.04	13/2	1	3	REC/UH	16K	-21	194.7/23.5	66/-24	080/09:22:08	01:22.5	
		BB3	ISDR	385	376	9	0	0	99.24	33.22		FN0038/03	1			
		ACCUMULATED FINES / SHROUD														
21D043/193 15:14:59		SINGLE	155.0/185.0	-20	.04	0/2	1	2	REC/UH	16K	-15	222.8/13.9	272/-18	080/11:24:08	02:42.5	
		BB2	ISDR	759	751	8	0	0	100.94	21.82		FN0038/04	1			
		PM FROST														
22D044/194 11:41:16		SINGLE	222.5/225.0	30	.04	4/2	1	1	REC/UH	16K	-27	171.3/24.1	43/-21	081/08:29:59	00:15.8	
		SUN	ISDR	71	64	7	0	0	67.94	4.29		FN0038/05	1			
		AM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22D045/195	11:41:40	SINGLE	222.5/225.0	30	.04	4/2	1	1	REC/UH	16K	-27	171.3/23.9	43/-21	082/09:09:59	00:15.8	
		SUN	ISDR	69	64	5	0	0	66.89	3.23		FN0038/06	1			
		AM SUN DIODE														
22D046/195	13:09:59	SINGLE	102.5/112.5	-30	.04	0/2	1	3	REC/UH	16K	-25	193.6/23.3	65/-23	082/10:38:18	00:55.8	
		BB2	ISDR	257	251	6	0	0	119.33	28.88		FN0038/07	1			
		BIO. SAMPLE ACQ.														
22D047/196	11:42:05	SINGLE	222.5/225.0	30	.04	4/2	1	1	REC/UH	16K	-29	171.3/23.7	43/-21	083/09:49:59	00:15.8	
		SUN	ISDR	71	64	7	0	0	66.25	3.23		FN0038/08	1			
		AM SUN DIODE														
22D048/197	11:42:28	SINGLE	222.5/225.0	30	.04	4/2	1	1	REC/UH	16K	-27	171.3/23.5	43/-21	084/10:29:58	00:15.8	
		SUN	ISDR	71	64	7	0	0	67.94	4.37		FN0038/09	1			
		AM SUN DIODE														
21D049/198	11:00:00	COLOR	245.0/330.0	-30	.12	1/1	1	3	REC/UH	16K	-25	160.8/21.7	209/-17	085/10:27:05	07:35.8	
		BLU	ISDR	710	710	1	0	0	65.57	31.84		FN0038/10	1			
		GRN	ISDR	708	710	1	2	2	76.61	31.24		FN0038/11	1			
		RED	ISDR	709	710	1	1	1	92.58	39.30		FN0038/12	1			
		MON. DRIFTS / DURICRUST														
21D050/198	11:10:00	SINGLE	237.5/270.0	-50	.04	8/2	1	3	REC/UH	16K	-21	163.2/22.2	211/-18	085/10:37:05	02:55.8	
		BB1	ISDR	821	814	7	0	0	64.51	16.42		FN0038/13	1			
		MON. TROUGHS / DRIFTS														
21D051/198	11:15:00	SINGLE	295.0/300.0	-10	.04	1/2	1	2	REC/UH	16K	-21	164.4/22.4	212/-19	085/10:42:05	00:29.2	
		BLU	ISDR	134	126	8	0	0	155.66	33.02		FN0038/14	1			
		MON. HORIZON / DRIFTS														
21D052/198	11:17:00	SINGLE	295.0/300.0	-10	.04	2/2	1	3	REC/UH	16K	-21	164.9/22.5	213/-19	085/10:44:05	00:29.2	
		GRN	ISDR	134	126	8	0	0	102.36	25.19		FN0038/15	1			
		MON. HORIZON / DRIFTS														
21D053/198	11:19:00	SINGLE	295.0/300.0	-10	.04	3/2	1	3	REC/UH	16K	-21	165.4/22.6	213/-19	085/10:46:05	00:29.2	
		RED	ISDR	134	126	8	0	0	126.41	27.68		FN0038/16	1			
		MON. HORIZON / DRIFTS														
22D054/198	11:25:00	SINGLE	55.0/ 70.0	-10	.04	1/2	1	2	REC/UH	16K	-33	166.9/22.8	39/-19	085/10:52:05	01:22.5	
		BLU	ISDR	385	376	9	0	0	214.32	27.43		FN0038/17	1			
		MON. DUNES / DRIFTS														
22D055/198	11:28:00	SINGLE	55.0/ 70.0	-10	.04	2/2	1	3	REC/UH	16K	-33	167.6/22.9	39/-19	085/10:55:05	01:22.5	
		GRN	ISDR	379	376	3	0	0	154.94	30.13		FN0038/18	1			
		MON. DUNES / DRIFTS														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22D056/198	11:31:00	SINGLE	55.0/ 70.0	-10	.04	3/2	1	3	REC/UH	16K	-33	168.4/23.0	40/-20	085/10:58:04	01:22.5	
		RED	ISDR 382	376	6	0	0		196.79	30.43		FN0038/19	1			
		MON. DUNES / DRIFTS														
22D057/198	11:34:00	SINGLE	80.0/122.5	-30	.04	13/2	1	3	REC/UH	16K	-33	169.1/23.1	41/-20	085/11:01:04	03:49.1	
		BB3	ISDR 1069	1064	5	0	0		123.82	40.52		FN0038/20	2			
		MON. TROUGHS / DRIFTS														
22D058/198	11:42:55	SINGLE	222.5/225.0	30	.04	4/2	1	1	REC/UH	16K	-33	171.4/23.4	43/-20	085/11:09:59	00:15.8	
		SUN	ISDR 69	64	5	0	0		63.69	5.78		FN0038/21	1			
		AM SUN DIODE														
22D059/199	09:38:19	SINGLE	195.0/197.5	10	.04	4/2	1	1	REC/UH	16K	-33	142.0/15.1	16/ -9	086/09:44:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		66.19	2.88		FN0038/22	1			
		DIURNAL SUN														
22D060/199	10:48:19	SINGLE	210.0/212.5	20	.04	4/2	1	2	REC/UH	16K	-29	157.9/20.8	30/-16	086/10:54:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		31.03	.95		FN0038/23	1			
		DIURNAL SUN														
22D061/199	11:43:19	SINGLE	222.5/225.0	30	.04	4/2	1	1	REC/UH	16K	-27	171.4/23.2	43/-20	086/11:49:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		67.35	1.91		FN0038/24	1			
		AM SUN DIODE														
22D062/199	12:03:19	SINGLE	227.5/230.0	30	.04	4/2	1	2	REC/UH	16K	-25	176.4/23.5	48/-21	086/12:09:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		31.03	.54		FN0038/25	1			
		DIURNAL SUN DIODE														
21D063/199	12:05:49	SINGLE	45.0/ 47.5	30	.04	4/2	1	2	REC/UH	16K	-17	177.0/23.5	224/-21	086/12:12:29	00:15.8	
		SUN	ISDR 71	64	7	0	0		31.11	1.31		FN0038/26	1			
		DIURNAL SUN DIODE														
22D064/199	12:57:48	COLOR	177.5/235.0	10	.12	1/1	1	5	REC/UH	16K	-25	190.0/23.0	61/-23	086/13:04:28	05:09.1	
		BLU	ISDR 480	0	0	0	0		110.32	58.97		FN0038/27	1			
		GRN	ISDR 480	0	0	0	0		108.58	59.33		FN0038/28	1			
		RED	ISDR 479	0	0	1	1		99.81	57.48		FN0038/29	1			
		PM SKY BRIGHTNESS														
22D065/199	13:04:49	IR	180.0/237.5	10	.12	9/1	1	5	REC/UH	16K	-23	191.8/22.8	63/-23	086/13:11:29	05:09.1	
		IR3	ISDR 481	481	1	0	0		82.57	48.84		FN0038/30	1			
		IR2	ISDR 480	481	1	1	1		83.09	49.12		FN0038/31	1			
		IR1	ISDR 480	481	1	1	1		85.84	50.66		FN0038/32	1			
		PM SKY BRIGHTNESS														
22D066/199	13:13:19	SINGLE	245.0/247.5	30	.04	4/2	1	2	REC/UH	16K	-21	193.9/22.5	65/-23	086/13:19:59	00:15.8	
		SUN	ISDR 69	64	5	0	0		31.02	.52		FN0038/33	1			
		DIURNAL SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22D067/199	14:15:49	SINGLE	260.0/262.5	30	.04	4/2	1	2	REC/UH	16K	-21	208.8/18.8	81/-21	086/14:22:29	00:15.8	
		SUN	ISDR 71	64	7	0	0		31.36	4.18		FN0038/34	1			
		DIURNAL SUN DIODE														
22D068/200	10:59:59	COLOR	270.0/315.0	-10	.12	1/1	1	3	REC/UH	16K	-29	160.6/21.3	33/-17	087/11:46:14	04:02.5	
		BLU	ISDR 377	377	1	0	0		66.24	34.72		FN0038/35	1			
		GRN	ISDR 377	377	1	0	0		73.80	34.55		FN0038/36	1			
		RED	ISDR 376	377	1	1	1		87.05	35.99		FN0038/37	1			
		MON. TOP OF LANDER														
21D069/200	11:19:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-21	165.5/22.2	213/-18	087/12:06:14	00:11.4	
		BB1	ISDR 50	43	7	0	0		60.78	40.03		FN0038/38	1			
		SCAN VER														
21D070/200	11:20:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-21	165.5/22.2	213/-18	087/12:06:25	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0038/39	1			
		CALIBRATION FRAME														
22D071/200	11:24:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-27	166.7/22.4	39/-19	087/12:11:14	00:11.4	
		BB1	ISDR 50	43	7	0	0		47.18	26.85		FN0038/40	1			
		SCAN VER														
22D072/200	11:25:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-27	166.7/22.4	39/-19	087/12:11:25	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0038/41	1			
		CALIBRATION FRAME														
22D073/200	11:26:59	SINGLE	82.5/ 82.5	-10	.04	14/2	1	3	REC/UH	16K	-27	167.2/22.5	39/-19	087/12:13:14	01:22.5	R
		SURV	ISDR 384	1	383	0	0		160.56	38.98		FN0039/01	1			
		MOTION DETECTION														
22D074/200	11:43:44	SINGLE	222.5/225.0	30	.04	4/2	1	1	REC/UH	16K	-25	171.4/23.0	43/-20	087/12:29:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		69.12	5.11		FN0039/02	1			
		SUN DIODES														
22D075/201	11:44:07	SINGLE	222.5/225.0	30	.04	4/2	1	1	REC/UH	16K	-27	171.4/22.8	43/-20	088/13:09:58	00:15.8	
		SUN	ISDR 72	64	8	0	0		67.81	4.13		FN0039/03	1			
		SUN DIODES														
22D076/201	12:12:28	SINGLE	12.5/ 22.5	-30	.04	8/2	1	3	REC/UH	16K	-25	178.4/23.2	50/-21	088/13:38:19	00:55.8	
		BB1	ISDR 259	251	8	0	0		82.94	29.45		FN0039/04	1			
		MINI-BRUSH CLEAN														
22D077/201	14:25:59	SINGLE	262.5/265.0	30	.04	4/2	1	1	REC/UH	16K	-25	210.7/17.7	83/-20	088/15:51:50	00:15.8	
		SUN	ISDR 71	64	7	0	0		67.85	2.56		FN0039/05	1			
		SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22D078/202	11:44:34	SINGLE	222.5/225.0	30	.04	4/2	1	1	REC/UH	16K	-31	171.4/22.6	43/-20	089/13:50:00	00:15.8	
		SUN	ISDR	71	64	7	0	0	66.45	3.48		FN0039/06	1			
		SUN DIODE														
21D079/202	12:00:00	SINGLE	257.5/290.0	-10	.04	5/2	1	3	REC/UH	16K	-23	175.2/22.9	223/-20	089/14:05:26	02:55.8	
		BB4	ISDR	821	814	7	0	0	140.22	38.91		FN0039/07	1			
		MON. TROUGHS / HORIZON														
22D080/202	12:34:58	SINGLE	127.5/135.0	0	.04	8/2	1	3	REC/UH	16K	-29	183.9/23.0	55/-22	089/14:40:23	00:42.5	
		BB1	ISDR	196	189	7	0	0	145.18	57.87		FN0039/08	1			
		B/H MAG. AFTER SKIM 1														
22D081/202	12:36:58	SINGLE	127.5/135.0	0	.04	8/2	1	2	REC/UH	16K	-29	184.4/22.9	56/-22	089/14:42:23	00:42.5	
		BB1	ISDR	196	189	7	0	0	195.81	31.22		FN0039/09	1			
		B/H MAG. AFTER SKIM 1														
22D082/203	10:56:54	SINGLE	127.5/135.0	0	.04	8/2	1	3	REC/UH	16K	-31	159.7/20.5	32/-16	090/13:41:55	00:42.5	
		BB1	ISDR	194	189	5	0	0	185.32	57.43		FN0039/10	1			
		B/H MAG. AFTER SKIM 2														
22D083/203	10:58:54	SINGLE	127.5/135.0	0	.04	8/2	1	2	REC/UH	16K	-31	160.2/20.6	32/-16	090/13:43:55	00:42.5	
		BB1	ISDR	196	189	7	0	0	145.19	33.08		FN0039/11	1			
		B/H MAG. AFTER SKIM 2														
22D084/203	11:16:29	SINGLE	132.5/140.0	-30	.04	0/2	1	2	REC/UH	16K	-31	164.4/21.5	36/-18	090/14:01:30	00:42.5	
		BB2	ISDR	197	189	8	0	0	176.39	26.67		FN0039/12	1			
		XRFS TRENCH														
22D085/203	11:44:58	SINGLE	222.5/225.0	30	.04	4/2	1	1	REC/UH	16K	-29	171.4/22.4	43/-19	090/14:29:59	00:15.8	
		SUN	ISDR	72	64	8	0	0	67.11	1.97		FN0039/13	1			
		AM SUN DIODE														
22D086/204	11:45:23	SINGLE	222.5/225.0	30	.04	4/2	1	1	REC/UH	16K	-29	171.4/22.3	43/-19	091/15:09:59	00:15.8	
		SUN	ISDR	69	64	5	0	0	67.37	4.91		FN0039/14	1			
		AM SUN DIODE														
22D087/205	11:45:46	SINGLE	222.5/225.0	30	.04	4/2	1	1	REC/UH	16K	-29	171.4/22.1	43/-19	092/15:49:58	00:15.8	
		SUN	ISDR	69	64	5	0	0	66.73	3.70		FN0039/15	1			
		AM SUN DIODE														
22D088/205	13:24:48	COLOR	175.0/235.0	-10	.12	1/1	1	3	RT/UH	16K	-29	195.8/21.1	67/-22	092/17:28:59	13:14.0	
		BLU	ISDR	607	502	739	633	2	125.44	42.90		FN0039/16	2			
		GRN	ISDR	608	502	739	632	1	130.27	42.01		FN0039/17	2			
		RED	ISDR	606	502	739	634	3	119.43	38.82		FN0039/18	2			
		COLOR PANORAMA														

VIKING PROJECT LIBRARY
VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22D089/205	14:02:58	COLOR	15.0/115.0	-20	.12	1/1	1	4	RT/UH	16K	-21	204.8/18.9	77/-21	092/18:07:10	08:54.0	
		BLU	ISDR	707	0	0	127	1		50.30	29.81	FN0039/19	1			
		GRN	ISDR	706	0	0	128	2		55.58	30.39	FN0039/20	1			
		RED	ISDR	706	0	0	128	1		63.50	29.29	FN0039/21	1			
		COLOR PANORAMA														
22D090/205	14:12:08	COLOR	100.0/180.0	-30	.12	1/1	1	3	REC/UH	16K	-21	206.9/18.3	79/-20	092/18:16:20	07:00.0	
		BLU	SDR	671	314	3	0	0		126.49	60.36	FN0039/22	1			
		GRN	SDR	671	314	3	0	0		126.49	60.36	FN0039/23	1			
		RED	SDR	671	314	3	0	0		126.49	60.36	FN0039/24	1			
		COLOR PANORAMA														
22D091/206	10:36:13	SINGLE	207.5/210.0	20	.04	4/2	1	1	REC/UH	16K	-31	154.7/18.6	27/-14	093/15:20:00	00:15.8	
		SUN	ISDR	71	64	7	0	0		66.96	2.88	FN0039/25	1			
		AM SUN DIODE														
21D092/206	11:00:00	COLOR	305.0/330.0	-30	.12	1/1	1	3	REC/UH	16K	-23	160.2/20.1	209/-16	093/15:43:47	02:15.8	
		BLU	ISDR	211	210	2	0	0		48.66	23.85	FN0039/26	1			
		GRN	ISDR	210	210	2	1	1		58.70	28.30	FN0039/27	1			
		RED	ISDR	210	210	2	1	1		66.71	31.75	FN0039/28	1			
		SSCA DIAGNOSTIC														
22D093/207	09:41:29	COLOR	162.5/187.5	10	.12	1/1	1	5	RE./UH	16K	-31	142.5/13.7	16/ -7	094/15:04:51	02:15.8	
		BLU	ISDR	210	210	1	0	0		150.03	63.49	FN0039/29	1			
		GRN	ISDR	210	210	1	0	0		147.76	60.54	FN0039/30	1			
		RED	ISDR	209	210	1	1	1		131.93	59.79	FN0039/31	1			
		AM SKY BRIGHTNESS														
21D094/207	11:02:18	SINGLE	110.0/195.0	0	.04	5/2	1	3	RT/UH	16K	-19	160.7/20.0	209/-16	094/16:25:40	07:34.0	
		BB4	ISDR	915	2126	2	1213	4		154.44	41.09	FN0039/32	3			
		ACCUMULATED FINES														
22D095/207	11:22:48	COLOR	75.0/140.0	-30	.12	1/1	1	3	RT/UH	16K	-27	165.6/21.0	38/-17	094/16:46:10	05:34.0	
		BLU	ISDR	184	0	0	359	5		88.04	47.40	FN0039/33	1			
		GRN	ISDR	183	0	0	360	6		99.17	41.36	FN0039/34	1			
		RED	ISDR	181	0	0	362	6		134.46	47.93	FN0039/35	1			
		TROUGHS / DRIFTS														
21D096/207	12:31:37	SINGLE	50.0/ 52.5	20	.04	4/2	1	1	REC/UH	16K	-17	182.4/22.1	230/-21	094/17:54:59	00:15.8	
		SUN	ISDR	71	64	7	0	0		63.33	4.09	FN0040/01	1			
		PM SUN DIODE														
21D097/208	08:59:59	COLOR	182.5/187.5	-10	.12	1/1	1	3	REC/UH	16K	-27	134.0/ 9.0	184/ -2	095/15:02:56	00:29.2	
		BLU	ISDR	44	44	1	0	0		61.84	39.12	FN0040/02	1			
		GRN	ISDR	44	44	1	0	0		69.30	39.03	FN0040/03	1			
		RED	ISDR	43	44	1	1	1		71.00	26.23	FN0040/04	1			
		COLOR STUDY, AM-PM SEA														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22D098/208	09:04:59	IR	85.0/ 90.0	-20	.12	9/1	1	3	REC/UH	16K	-35	135.0/ 9.6	9/ -3	095/15:07:56	00:29.2	
		IR3	ISDR	44	44	1	0	0	48.46	22.01		FN0040/05	1			
		IR2	ISDR	43	44	1	1	1	47.15	21.67		FN0040/06	1			
		IR1	ISDR	42	44	1	2	2	54.97	24.30		FN0040/07	1			
		IR STUDY, AM-PM SEA														
21D099/208	10:29:59	COLOR	182.5/187.5	-10	.12	1/1	1	3	REC/UH	16K	-23	153.1/17.7	202/-13	095/16:32:56	00:29.2	
		BLU	ISDR	44	44	1	0	0	84.80	47.05		FN0040/08	1			
		GRN	ISDR	44	44	1	0	0	95.24	41.25		FN0040/09	1			
		RED	ISDR	43	44	1	1	1	133.13	58.38		FN0040/10	1			
		CLR STUDY, AM-PM SEA														
22D100/208	10:34:59	IR	85.0/ 90.0	-20	.12	9/1	1	3	REC/UH	16K	-33	154.3/18.1	27/-13	095/16:37:56	00:29.2	
		IR3	ISDR	43	0	0	0	0	87.58	38.93		FN0040/11	1			
		IR2	ISDR	43	0	0	0	0	85.07	38.41		FN0040/12	1			
		IR1	ISDR	43	0	0	0	0	100.64	42.86		FN0040/13	1			
		IR STUDY, AM-PM SEA														
22D101/208	11:47:07	SINGLE	222.5/225.0	30	.04	4/2	1	1	REC/UH	16K	-29	171.4/21.6	43/-19	095/17:50:04	00:15.8	
		SUN	ISDR	69	64	5	0	0	67.47	4.13		FN0040/14	1			
		AM SUN DIODE														
21D102/208	11:59:59	COLOR	182.5/187.5	-10	.12	1/1	1	3	REC/UH	16K	-21	174.5/21.8	222/-19	095/18:02:56	00:29.2	
		BLU	ISDR	42	0	0	1	1	85.77	31.78		FN0040/15	1			
		GRN	ISDR	43	0	0	0	0	104.92	35.16		FN0040/16	1			
		RED	ISDR	43	0	0	0	0	126.36	40.71		FN0040/17	1			
		COLOR STUDY, AM-PM SEA														
22D103/208	12:04:59	IR	85.0/ 90.0	-20	.12	9/1	1	3	REC/UH	16K	-29	175.8/21.9	47/-20	095/18:07:56	00:29.2	
		IR3	ISDR	43	0	0	0	0	108.35	41.72		FN0040/18	1			
		IR2	ISDR	43	0	0	0	0	105.65	41.12		FN0040/19	1			
		IR1	ISDR	43	0	0	0	0	124.44	45.79		FN0040/20	1			
		IR STUDY, AM-PM SEA														
21D104/208	13:59:59	COLOR	182.5/187.5	-10	.12	1/1	1	3	REC/UH	16K	-19	203.6/18.7	251/-20	095/20:02:56	00:29.2	
		BLU	ISDR	43	0	0	0	0	68.08	34.84		FN0040/21	1			
		GRN	ISDR	43	0	0	0	0	78.36	26.30		FN0040/22	1			
		RED	ISDR	43	0	0	0	0	103.57	42.22		FN0040/23	1			
		COLOR STUDY, AM-PM SEA														
22D105/208	14:04:59	IR	85.0/ 90.0	-20	.12	9/1	1	3	REC/UH	16K	-27	204.7/18.4	77/-20	095/20:07:56	00:29.2	
		IR3	ISDR	44	44	1	0	0	94.26	38.56		FN0040/24	1			
		IR2	ISDR	44	44	1	0	0	91.44	37.65		FN0040/25	1			
		IR1	ISDR	43	44	1	1	1	107.49	42.04		FN0040/26	1			
		IR STUDY, AM-PM SEA														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21D106/208	15:29:59	COLOR	182.5/187.5	-10	.12	1/1	1	3	REC/UH	16K	-21	223.1/10.6	272/-15	095/21:32:56	00:29.2	
		BLU	ISDR	44	44	1	0	0	68.20	60.41		FN0040/27	1			
		GRN	ISDR	44	44	1	0	0	75.71	62.03		FN0040/28	1			
		RED	ISDR	43	44	1	1	1	75.34	44.07		FN0040/29	1			
		COLOR STUDY, AM-PM SEA														
22D107/208	15:34:59	IR	85.0/ 90.0	-20	.12	9/1	1	3	REC/UH	16K	-27	224.1/10.1	97/-14	095/21:37:56	00:29.2	
		IR3	ISDR	44	44	1	0	0	51.62	17.68		FN0040/30	1			
		IR2	ISDR	43	44	1	1	1	50.30	17.31		FN0040/31	1			
		IR1	ISDR	42	44	1	2	2	58.46	19.05		FN0040/32	1			
		IR STUDY, AM-PM SEA														
22D108/209	11:47:25	SINGLE	222.5/225.0	30	.04	4/2	1	1	REC/UH	16K	-29	171.3/21.4	43/-18	096/18:29:58	00:15.8	
		SUN	ISDR	71	64	7	0	0	66.86	3.29		FN0040/33	1			
		AM SUN DIODE														
22D109/210	11:47:52	SINGLE	222.5/225.0	30	.04	4/2	1	1	REC/UH	16K	-25	171.3/21.3	43/-18	097/19:10:00	00:15.8	
		SUN	ISDR	71	64	7	0	0	67.75	2.29		FN0040/34	1			
		AM SUN DIODE														
22D110/211	11:48:16	SINGLE	222.5/225.0	30	.04	4/2	1	1	REC/UH	16K	-23	171.3/21.1	43/-18	098/19:49:59	00:15.8	
		SUN	ISDR	69	64	5	0	0	67.79	2.78		FN0040/35	1			
		AM SUN DIODE														
22D111/212	10:38:41	SINGLE	207.5/210.0	20	.04	4/2	1	1	REC/UH	16K	-27	154.8/17.6	28/-13	099/19:19:59	00:15.8	
		SUN	ISDR	69	64	5	0	0	66.78	2.15		FN0040/36	1			
		AM SUN DIODE														
22D112/213	11:49:04	SINGLE	222.5/225.0	20	.04	4/2	1	1	REC/UH	16K	-29	171.3/20.8	43/-18	100/21:09:58	00:15.8	
		SUN	ISDR	71	64	7	0	0	67.82	4.85		FN0040/37	1			
		AM SUN DIODE														
22D113/214	11:00:00	SINGLE	35.0/ 55.0	-10	.04	5/2	1	2	REC/UH	16K	-27	159.5/18.6	32/-14	101/21:00:29	01:49.2	
		BB4	ISDR	510	501	9	0	0	201.84	32.17		FN0040/38	1			
		MON. TROUGHS / DRIFTS - SAM														
22D114/214	11:04:00	SINGLE	55.0/ 75.0	-10	.04	5/2	1	2	REC/UH	16K	-27	160.5/18.8	33/-14	101/21:04:29	01:49.2	
		BB4	SDR	504	501	3	0	0	190.59	38.02		FN0040/39	1			
		MON. TROUGHS / DRIFTS - SAM														
22D115/214	11:08:00	SINGLE	77.5/100.0	-10	.04	5/2	1	2	REC/UH	16K	-27	161.4/19.0	34/-15	101/21:08:29	02:02.5	
		BB4	ISDR	571	564	7	0	0	184.03	39.58		FN0040/40	1			
		MON. TROUGHS / DRIFTS - SAM														
22D116/214	11:12:00	COLOR	297.5/305.0	-10	.12	1/1	1	3	REC/UH	16K	-27	162.3/19.2	35/-15	101/21:12:29	00:42.5	
		BLU	ISDR	65	65	1	0	0	60.88	30.40		FN0040/41	1			
		GRN	ISDR	65	65	1	0	0	67.74	30.19		FN0040/42	1			
		RED	ISDR	63	65	1	2	2	79.75	30.50		FN0040/43	1			
		MON. HGA / GRID - SAM, INT CAL														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22D117/214	11:12:43	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-25	162.5/19.2	35/-15	101/21:13:12	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0040/44	1			
		CALIBRATION FRAME														
22D118/214	11:49:31	SINGLE	222.5/225.0	20	.04	4/2	1	1	REC/UH	16K	-25	171.3/20.6	43/-18	101/21:50:00	00:15.8	
		SUN	ISDR 72	64	8	0	0		67.84	3.77		FN0040/45	1			
		AM SUN DIODE														
21D119/215	10:59:59	COLOR	220.0/227.5	-20	.12	1/1	1	2	REC/UH	16K	-25	159.4/18.4	208/-14	102/21:40:03	00:42.5	
		BLU	ISDR 64	0	0	0	0		126.37	46.08		FN0040/46	1			
		GRN	ISDR 64	0	0	0	0		147.21	50.97		FN0040/47	1			
		RED	ISDR 63	0	0	1	1		153.25	38.91		FN0040/48	1			
		MULTI DN OF TRENCH														
21D120/215	11:02:59	COLOR	220.0/227.5	-20	.12	1/1	4	2	REC/UH	16K	-23	160.1/18.6	209/-14	102/21:43:03	00:42.5	
		BLU	ISDR 64	0	0	0	0		144.48	84.79		FN0040/49	1			
		GRN	ISDR 64	0	0	0	0		57.16	51.93		FN0040/50	1			
		RED	ISDR 63	0	0	1	1		101.63	67.53		FN0040/51	1			
		MULTI DN OF TRENCH														
21D121/215	11:05:59	COLOR	220.0/227.5	-20	.12	1/1	8	2	REC/UH	16K	-23	160.8/18.7	209/-14	102/21:46:03	00:42.5	
		BLU	ISDR 64	0	0	0	0		51.46	15.52		FN0040/52	1			
		GRN	ISDR 64	0	0	0	0		63.02	21.11		FN0040/53	1			
		RED	ISDR 63	0	0	1	1		.00	.00		FN0040/54	1			
		MULTI DN OF TRENCH														
21D122/215	11:08:59	COLOR	220.0/227.5	-20	.12	1/1	12	2	REC/UH	16K	-23	161.5/18.9	210/-15	102/21:49:03	00:42.5	
		BLU	ISDR 63	0	0	1	1		.00	.00		FN0040/55	1			
		GRN	ISDR 63	0	0	1	1		69.39	28.64		FN0040/56	1			
		RED	ISDR 63	0	0	1	1		.00	.00		FN0040/57	1			
		MULTI DN OF TRENCH														
21D123/215	11:09:42	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-23	161.6/18.9	210/-15	102/21:49:46	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0041/01	1			
		CALIBRATION FRAME														
21D124/215	11:12:59	SINGLE	235.0/257.5	-10	.04	5/2	1	2	REC/UH	16K	-23	162.5/19.1	211/-15	102/21:53:03	02:02.5	
		BB4	ISDR 571	564	7	0	0		195.87	35.09		FN0041/02	1			
		MON. TROUGHS / DRIFTS - SAM														
21D125/215	11:16:59	SINGLE	260.0/280.0	-20	.04	5/2	1	2	REC/UH	16K	-21	163.4/19.3	212/-15	102/21:57:03	01:49.2	
		BB4	ISDR 509	501	8	0	0		188.85	35.54		FN0041/03	1			
		MON. TROUGHS / DRIFTS - SAM														
21D126/215	11:20:59	SINGLE	280.0/300.0	-20	.04	5/2	1	2	REC/UH	16K	-21	164.3/19.5	213/-16	102/22:01:03	01:49.2	
		BB4	ISDR 509	501	8	0	0		176.64	40.03		FN0041/04	1			
		MON. TROUGHS / DRIFTS - SAM														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22D127/215	11:49:55	SINGLE	222.5/225.0	20	.04	4/2	1	1	REC/UH	16K	-29	171.2/20.5	43/-18	102/22:29:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		66.60	2.68		FN0041/05	1			
		AM SUN DIODE														
21D128/216	09:59:59	COLOR	72.5/ 80.0	0	.12	1/1	1	3	REC/UH	16K	-23	146.0/13.7	196/ -8	103/21:19:38	00:42.5	
		BLU	ISDR 64	0	0	0	0		66.73	33.09		FN0041/06	1			
		GRN	ISDR 64	0	0	0	0		71.27	31.16		FN0041/07	1			
		RED	ISDR 63	0	0	1	1		66.80	24.30		FN0041/08	1			
		MON. HGA - SAM														
22D129/216	11:50:20	SINGLE	222.5/225.0	20	.04	4/2	1	1	REC/UH	16K	-23	171.2/20.3	43/-17	103/23:09:59	00:15.8	
		SUN	ISDR 72	64	8	0	0		67.05	2.09		FN0041/09	1			
		AM SUN DIODE														
22D130/216	12:09:59	SINGLE	27.5/ 35.0	-20	.04	0/2	1	3	REC/UH	16K	-23	176.0/20.7	48/-18	103/23:29:38	00:42.5	
		BB2	ISDR 194	189	5	0	0		103.83	26.22		FN0041/10	1			
		PHYS. PROPS. TRENCH														
22D131/216	12:12:59	SINGLE	90.0/100.0	-40	.04	0/2	1	3	REC/UH	16K	-23	176.7/20.7	49/-18	103/23:32:38	00:55.8	
		BB2	ISDR 257	251	6	0	0		90.71	19.64		FN0041/11	1			
		PHYS. PROPS. PURGE SITE														
22D132/217	11:50:43	SINGLE	222.5/225.0	20	.04	4/2	1	1	REC/UH	16K	-27	171.2/20.2	43/-17	104/23:49:58	00:15.8	
		SUN	ISDR 72	64	8	0	0		66.99	2.51		FN0041/12	1			
		AM SUN DIODE														
21D133/218	12:36:10	SINGLE	50.0/ 52.5	20	.04	4/2	1	1	REC/UH	16K	-23	182.0/20.5	230/-19	106/01:15:00	00:15.8	
		SUN	ISDR 71	64	7	0	0		61.61	2.18		FN0041/13	1			
		PM SUN DIODE														
22D134/218	12:45:00	COLOR	177.5/227.5	10	.12	1/1	1	5	REC/UH	16K	-29	184.1/20.4	56/-19	106/01:23:50	04:29.1	
		BLU	ISDR 419	419	1	0	0		114.87	62.06		FN0041/14	1			
		GRN	ISDR 419	419	1	0	0		111.62	62.00		FN0041/15	1			
		RED	ISDR 419	419	1	0	0		102.40	58.99		FN0041/16	1			
		PM SKY BRIGHTNESS, MULTI DN														
22D135/218	12:52:00	COLOR	205.0/230.0	10	.12	1/1	16	5	REC/UH	16K	-27	185.8/20.3	58/-19	106/01:30:50	02:15.8	
		BLU	ISDR 211	210	2	0	0		127.31	56.67		FN0041/17	1			
		GRN	ISDR 210	210	2	1	1		115.95	55.42		FN0041/18	1			
		RED	ISDR 210	210	2	1	1		97.08	54.08		FN0041/19	1			
		PM SKY BRIGHTNESS, MULTI DN														
22D136/218	12:59:00	COLOR	180.0/230.0	10	.12	1/1	1	4	REC/UH	16K	-25	187.5/20.1	59/-19	106/01:37:50	04:29.1	
		BLU	SDR 417	0	0	1	* 1		102.23	74.54		FN0041/20	1			
		GRN	SDR 417	0	0	1	1		106.20	74.76		FN0041/21	1			
		RED	SDR 417	0	0	1	1		118.20	73.99		FN0041/22	1			
		PM SKY BRIGHTNESS, MULTI DN														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22D137/218	13:06:00	COLOR	207.5/232.5	10	.12	1/1	15	4	REC/UH	16K	-25	189.2/20.0	61/-20	106/01:44:50	02:15.8	
		BLU	ISDR	210	210	1	0	0	146.94	62.68		FN0041/23	1			
		GRN	ISDR	210	210	1	0	0	144.62	60.30		FN0041/24	1			
		RED	ISDR	209	210	1	1	1	127.04	57.68		FN0041/25	1			
		PM SKY BRIGHTNESS, MULTI DN														
22D138/218	13:13:00	COLOR	215.0/235.0	10	.12	1/1	30	4	REC/UH	16K	-23	190.8/19.8	63/-20	106/01:51:50	01:49.2	
		BLU	ISDR	169	169	1	0	0	127.62	60.04		FN0041/26	1			
		GRN	ISDR	169	169	1	0	0	113.08	62.17		FN0041/27	1			
		RED	ISDR	168	169	1	1	1	110.07	61.73		FN0041/28	1			
		PM SKY BRIGHTNESS, MULTI DN														
22D139/218	13:25:00	SINGLE	115.0/135.0	-30	.12	1/3	1	2	REC/UH	16K	-21	193.7/19.4	65/-20	106/02:03:50	00:38.0	
		BLU	ISDR	174	168	6	0	0	112.02	31.12		FN0041/29	1			
		MON. TROUGHS / DRIFTS - SAM														
22D140/218	13:27:00	SINGLE	115.0/135.0	-30	.12	2/3	1	2	REC/UH	16K	-21	194.2/19.3	66/-20	106/02:05:50	00:38.0	
		GRN	ISDR	174	168	6	0	0	139.14	37.93		FN0041/30	1			
		MON. TROUGHS / DRIFTS - SAM														
22D141/218	13:29:00	SINGLE	115.0/135.0	-30	.12	3/3	1	3	REC/UH	16K	-21	194.6/19.2	66/-20	106/02:07:50	00:38.0	
		RED	ISDR	174	168	6	0	0	111.07	45.56		FN0041/31	1			
		FROST SITE - MULTI DN														
21D142/219	08:45:00	SINGLE	220.0/230.0	-30	.04	0/2	1	1	REC/UH	16K	-25	130.7/ 5.1	181/ 1	106/22:03:25	00:55.8	
		BB2	ISDR	259	251	8	0	0	125.26	16.48		FN0041/32	1			
		FROST SITE - MULTI DN														
21D143/219	08:47:30	SINGLE	220.0/230.0	-30	.04	0/2	3	1	REC/UH	16K	-25	131.2/ 5.4	182/ 1	106/22:05:55	00:55.8	
		BB2	ISDR	259	251	8	0	0	113.22	68.56		FN0041/33	1			
		FROST SITE - MULTI DN														
21D144/219	08:50:00	SINGLE	220.0/230.0	-30	.04	0/2	5	1	REC/UH	16K	-25	131.7/ 5.7	182/ 1	106/22:08:25	00:55.8	
		BB2	ISDR	259	251	8	0	0	104.66	51.52		FN0041/34	1			
		FROST SITE - MULTI DN														
21D145/219	08:52:30	SINGLE	220.0/230.0	-30	.04	0/2	7	1	REC/UH	16K	-25	132.2/ 6.0	183/ 0	106/22:10:55	00:55.8	
		BB2	ISDR	259	251	8	0	0	128.23	48.74		FN0041/35	1			
		FROST SITE - MULTI DN														
22D146/219	11:09:59	SINGLE	285.0/295.0	-20	.04	8/2	1	1	REC/UH	16K	-29	161.3/18.3	34/-14	107/00:28:24	00:55.8	
		BB1	ISDR	259	251	8	0	0	185.25	35.93		FN0041/36	1			
		RTC MAGNET														
22D147/219	11:12:29	SINGLE	285.0/295.0	-20	.04	8/2	1	2	REC/UH	16K	-29	161.9/18.4	34/-14	107/00:30:54	00:55.8	
		BB1	ISDR	258	251	7	0	0	122.82	43.72		FN0041/37	1			
		RTC MAGNET														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22D148/219	11:14:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-29	162.5/18.5	35/-14	107/00:33:24	00:11.4	
		BB1	ISDR 52	43	9	0	0		61.04	42.49		FN0041/38	1			
		SCAN VER														
22D149/219	11:15:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-29	162.5/18.5	35/-14	107/00:33:35	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0041/39	1			
		CALIBRATION FRAME														
22D150/219	11:24:59	SINGLE	135.0/152.5	-30	.12	1/3	1	2	REC/UH	16K	-29	164.8/19.0	37/-15	107/00:43:24	00:33.6	
		BLU	ISDR 154	147	7	0	0		103.28	31.92		FN0041/40	1			
		MON TROUGHS / DRIFTS - SAM														
22D151/219	11:27:29	SINGLE	135.0/152.5	-30	.12	2/3	1	2	REC/UH	16K	-29	165.4/19.1	38/-15	107/00:45:54	00:33.6	
		GRN	ISDR 154	147	7	0	0		127.12	37.55		FN0041/41	1			
		MON TROUGHS / DRIFTS - SAM														
22D152/219	11:29:59	SINGLE	135.0/152.5	-30	.12	3/3	1	3	REC/UH	16K	-27	166.0/19.2	38/-16	107/00:48:24	00:33.6	
		RED	SDR 152	147	5	0	0		89.46	27.30		FN0041/42	1			
		MON TROUGHS / DRIFTS - SAM														
21D153/219	11:32:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-23	166.7/19.3	215/-16	107/00:51:24	00:11.4	
		BB1	ISDR 51	43	8	0	0		60.03	37.99		FN0041/43	1			
		SCAN VER														
21D154/219	11:33:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-23	166.7/19.3	215/-16	107/00:51:35	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0041/44	1			
		CALIBRATION FRAME														
22D155/219	11:51:34	SINGLE	222.5/225.0	20	.04	4/2	1	1	REC/UH	16K	-27	171.1/19.9	43/-17	107/01:09:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		67.73	6.57		FN0041/45	1			
		AM SUN DIODE														
21D156/219	11:57:59	SINGLE	235.0/260.0	-20	.12	1/3	1	2	REC/UH	16K	-23	172.7/20.0	221/-17	107/01:16:24	00:46.9	
		BLU	ISDR 215	209	6	0	0		152.60	49.95		FN0041/46	1			
		MON TROUGHS / DRIFTS - SAM														
21D157/219	12:00:29	SINGLE	235.0/260.0	-20	.12	2/3	1	2	REC/UH	16K	-21	173.3/20.1	221/-17	107/01:18:54	00:46.9	
		GRN	ISDR 215	209	6	0	0		157.68	40.83		FN0042/01	1			
		MON TROUGHS / DRIFTS - SAM														
21D158/219	12:02:59	SINGLE	235.0/260.0	-20	.12	3/3	1	3	REC/UH	16K	-21	173.9/20.1	222/-18	107/01:21:24	00:46.9	
		RED	ISDR 217	209	8	0	0		118.68	42.07		FN0042/02	1			
		MON TROUGHS / DRIFTS - SAM														
22D159/220	09:37:59	SINGLE	195.0/197.5	10	.04	4/2	1	1	REC/UH	16K	-35	141.1/10.9	15/ -4	107/23:35:59	00:15.8	
		SUN	ISDR 69	64	5	0	0		66.17	2.79		FN0042/03	1			
		AM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21D160/221 10:59:59	COLOR	72.5/ 80.0	0	.12	1/1	1	3	REC/UH	16K	-23	158.8/17.4	208/-13	109/01:37:34	00:42.5	
	BLU	ISDR 65	65	1	0	0		89.44	43.51		FN0042/04	1			
	GRN	ISDR 64	65	1	1	1		94.11	42.25		FN0042/05	1			
	RED	ISDR 64	65	1	1	1		88.95	38.52		FN0042/06	1			
	HGA														
21D161/221 11:00:42	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-23	158.9/17.4	208/-13	109/01:38:17	00:18.0	
	CAL	ISDR 84	0	0	0	0		.00	.00		FN0042/07	1			
	CALIBRATION FRAME														
21D162/221 11:29:58	SINGLE	20.0/ 45.0	10	.12	4/3	1	1	REC/UH	16K	-23	165.8/18.9	214/-15	109/02:07:34	00:46.9	
	SUN	ISDR 217	209	8	0	0		62.52	1.54		FN0042/08	1			
	AM SUN DIODE														
22D163/221 12:04:58	SINGLE	75.0/100.0	-10	.04	5/2	1	2	REC/UH	16K	-27	174.1/19.9	46/-17	109/02:42:34	02:15.8	
	BB4	ISDR 634	626	8	0	0		189.56	37.20		FN0042/09	1			
	MON TROUGHS / DRIFTS - SAM														
22D164/221 12:07:14	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-27	174.6/19.9	47/-17	109/02:44:50	00:18.0	
	CAL	ISDR 84	0	0	0	0		.00	.00		FN0042/10	1			
	CALIBRATION FRAME														
21D165/221 12:14:58	SINGLE	247.5/260.0	-50	.04	8/2	1	2	REC/UH	16K	-21	176.5/20.0	224/-18	109/02:52:34	01:09.2	
	BB1	ISDR 321	314	7	0	0		114.31	23.66		FN0042/11	1			
	DURICRUST														
22D166/221 12:31:58	SINGLE	100.0/100.0	-10	.04	14/2	1	2	REC/UH	16K	-21	180.5/20.1	52/-18	109/03:09:34	00:13.5	R
	SURV	ISDR 60	1	59	0	0		187.99	33.29		FN0042/12	1			
	SURFACE RESCAN														
22D167/221 12:34:58	SINGLE	110.0/130.0	-10	.04	5/2	1	2	REC/UH	16K	-25	181.3/20.1	53/-18	109/03:12:34	01:49.2	
	BB4	SDR 506	501	5	0	0		180.65	40.55		FN0042/13	1			
	MON TROUGHS / DRIFTS - SAM														
21D168/221 12:44:58	SINGLE	235.0/257.5	-10	.04	5/2	1	2	REC/UH	16K	-19	183.7/20.0	231/-19	109/03:22:34	02:02.5	
	BB4	ISDR 573	564	9	0	0		204.73	30.80		FN0042/14	1			
	MON TROUGHS / DRIFTS - SAM														
22D169/221 12:59:58	SINGLE	115.0/135.0	-30	.12	1/3	1	2	REC/UH	16K	-25	187.3/19.8	59/-19	109/03:37:34	00:38.0	
	BLU	ISDR 174	168	6	0	0		136.66	43.21		FN0042/15	1			
	MON TROUGHS / DRIFTS - SAM														
22D170/221 13:01:58	SINGLE	115.0/135.0	-30	.12	2/3	1	2	REC/UH	16K	-25	187.7/19.7	60/-19	109/03:39:34	00:38.0	
	GRN	ISDR 176	168	8	0	0		157.53	46.79		FN0042/16	1			
	MON TROUGHS / DRIFTS - SAM														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST	RSCN
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22D171/221	13:03:58	SINGLE	115.0/135.0	-30	.12	3/3	1	3	REC/UH	16K	-25	188.2/19.7	60/-19	109/03:41:34	00:38.0	
		RED	ISDR	176	168	8	0	0	119.03	39.89		FN0042/17	1			
		MON TROUGHS / DRIFTS - SAM														
22D172/221	13:19:58	SINGLE	232.5/257.5	10	.12	4/3	1	0	REC/UH	16K	-23	192.0/19.2	64/-19	109/03:57:34	00:46.9	
		SUN	ISDR	217	209	8	0	0	140.05	4.17		FN0042/18	1			
		PM SUN DIODE														
22D173/221	13:29:58	SINGLE	135.0/152.5	-30	.12	1/3	1	2	REC/UH	16K	-23	194.4/18.8	66/-19	109/04:07:34	00:33.6	
		BLU	ISDR	155	147	8	0	0	120.49	42.06		FN0042/19	1			
		MON TROUGHS / DRIFTS - SAM														
22D174/221	13:31:58	SINGLE	135.0/152.5	-30	.12	2/3	1	2	REC/UH	16K	-23	194.8/18.8	67/-19	109/04:09:34	00:33.6	
		GRN	ISDR	155	147	8	0	0	142.55	47.24		FN0042/20	1			
22D175/221	13:33:58	SINGLE	135.0/152.5	-30	.12	3/3	1	3	REC/UH	16K	-23	195.3/18.7	67/-19	109/04:11:34	00:33.6	
		RED	ISDR	155	147	8	0	0	98.62	35.42		FN0042/21	1			
		MON TROUGHS / DRIFTS - SAM														
21D176/221	14:29:58	SINGLE	212.5/235.0	-10	.04	5/2	1	2	REC/UH	16K	-21	208.0/15.3	256/-18	109/05:07:34	02:02.5	
		BB4	ISDR	569	564	5	0	0	193.41	34.89		FN0042/22	1			
		MON TROUGHS / DRIFTS - SAM														
21D177/222	08:07:39	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-27	123.7/-0.4	175/ 7	109/23:24:50	00:15.0	
		BB1	ISDR	70	43	27	0	0	51.43	45.87		FN0042/23	1			
		SCAN VER														
22D178/222	08:31:15	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-33	128.0/ 2.8	3/ 4	109/23:48:26	00:15.0	
		BB1	ISDR	70	43	27	0	0	61.48	23.17		FN0042/24	1			
		SCAN VER														
21D179/233	10:06:53	SINGLE	235.0/260.0	-10	.04	5/2	1	2	RT/UH	16K	-25	146.1/11.5	196/ -6	121/08:39:31	02:13.0	
		BB4	ISDR	622	0	0	4	1	157.31	35.32		FN0042/25	1			
		MON TROUGHS / DRIFTS														
22D180/233	10:32:27	COLOR	115.0/135.0	-30	.12	1/1	1	3	RT/UH	16K	-29	151.4/13.7	25/ -8	121/09:05:05	01:46.0	
		BLU	ISDR	165	0	0	3	1	59.02	31.64		FN0042/26	1			
		GRN	ISDR	164	0	0	4	1	67.43	31.23		FN0042/27	1			
		RED	ISDR	164	0	0	4	1	87.05	40.89		FN0042/28	1			
		MON TROUGHS / DRIFTS														
22D181/233	10:59:59	COLOR	297.5/305.0	-10	.12	1/1	1	3	REC/UH	16K	-27	157.5/15.6	31/-11	121/09:32:37	00:42.5	
		BLU	ISDR	65	65	1	0	0	58.60	32.24		FN0042/29	1			
		GRN	ISDR	64	65	1	1	1	63.77	32.14		FN0042/30	1			
		RED	ISDR	64	65	1	1	1	74.28	34.84		FN0042/31	1			
		HGA														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22D182/233	11:02:59	SINGLE	297.5/297.5	-30	.04	14/2	1	2	REC/UH	16K	-27	158.1/15.8	31/-11	121/09:35:37	00:13.5	R
		SURV	ISDR	60	1	59	0	0	87.57	10.99		FN0042/32	1			
		SURF.RESCAN, GRID														
22D183/233	11:29:59	SINGLE	205.0/230.0	10	.12	4/3	1	1	REC/UH	16K	-27	164.3/17.2	37/-13	121/10:02:37	00:46.9	
		SUN	ISDR	217	209	8	0	0	68.61	2.59		FN0042/33	1			
		AM SUN DIODE														
21D184/233	12:11:59	SINGLE	235.0/260.0	-20	.12	1/3	1	2	REC/UH	16K	-23	174.0/18.5	222/-16	121/10:44:37	00:46.9	
		BLU	ISDR	217	209	8	0	0	144.39	43.27		FN0042/34	1			
		MON TROUGHS / DRIFTS - SAM														
21D185/233	12:14:29	SINGLE	235.0/260.0	-20	.12	2/3	1	2	REC/UH	16K	-23	174.6/18.6	223/-16	121/10:47:07	00:46.9	
		GRN	ISDR	217	209	8	0	0	153.80	33.79		FN0042/35	1			
		MON TROUGHS / DRIFTS - SAM														
21D186/233	12:16:59	SINGLE	235.0/260.0	-20	.12	3/3	1	3	REC/UH	16K	-21	175.2/18.6	223/-16	121/10:49:37	00:46.9	
		RED	ISDR	217	209	8	0	0	125.06	49.17		FN0042/36	1			
		MON TROUGHS / DRIFTS - SAM														
22D187/233	12:44:58	SINGLE	55.0/ 75.0	-10	.04	5/2	1	2	REC/UH	16K	-25	181.8/18.7	54/-17	121/11:17:37	01:49.2	
		BB4	ISDR	509	501	8	0	0	204.43	32.54		FN0042/37	1			
		MON TROUGHS / DRIFTS - SAM														
21D188/233	13:14:58	SINGLE	220.0/235.0	-30	.04	0/2	1	2	REC/UH	16K	-21	188.8/18.3	237/-18	121/11:47:37	01:22.5	
		BB2	ISDR	383	376	7	0	0	162.65	28.06		FN0042/38	1			
		TRENCH SITE														
22D189/233	13:19:58	SINGLE	232.5/257.5	10	.12	4/3	1	0	REC/UH	16K	-25	190.0/18.1	62/-18	121/11:52:37	00:46.9	
		SUN	ISDR	217	209	8	0	0	140.42	4.57		FN0042/39	1			
		PM SUN DIODE														
21D190/233	13:44:58	SINGLE	260.0/280.0	-20	.04	5/2	1	2	REC/UH	16K	-21	195.8/17.2	244/-18	121/12:17:37	01:49.2	
		BB4	ISDR	504	501	3	0	0	190.83	28.50		FN0042/40	1			
		MON TROUGHS / DRIFTS - SAM														
22D191/233	13:59:58	SINGLE	35.0/ 55.0	-10	.04	5/2	1	2	REC/UH	16K	-25	199.2/16.5	71/-17	121/12:32:37	01:49.2	
		BB4	ISDR	507	501	6	0	0	194.82	37.20		FN0042/41	1			
		MON TROUGHS / DRIFTS - SAM														
21D192/233	14:09:58	SINGLE	260.0/285.0	-20	.12	1/3	1	2	REC/UH	16K	-21	201.4/15.9	250/-17	121/12:42:37	00:46.9	
		BLU	ISDR	215	209	6	0	0	138.60	49.49		FN0042/42	1			
		MON TROUGHS / DRIFTS - SAM														
21D193/233	14:12:28	SINGLE	260.0/285.0	-20	.12	2/3	1	2	REC/UH	16K	-21	202.0/15.8	250/-17	121/12:45:07	00:46.9	
		GRN	ISDR	217	209	8	0	0	146.90	45.23		FN0042/43	1			
		MON TROUGHS / DRIFTS - SAM														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21D194/233	14:14:58	SINGLE	260.0/285.0	-20	.12	3/3	1	3	REC/UH	16K	-21	202.5/15.6	251/-17	121/12:47:37	00:46.9	
		RED	ISDR	219	209	10	0	0	116.32	51.09		FN0042/44	1			
		MON TROUGHS / DRIFTS - SAM														
21D195/233	14:44:58	SINGLE	280.0/300.0	-20	.04	5/2	1	2	REC/UH	16K	-21	209.1/13.5	258/-16	121/13:17:37	01:49.2	
		BB4	ISDR	509	501	8	0	0	175.86	36.77		FN0042/45	1			
		MON TROUGHS / DRIFTS - SAM														
21D196/234	07:54:15	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-27	120.8/-4.3	172/ 11	122/07:06:28	00:15.0	
		BB1	ISDR	70	43	27	0	0	61.12	49.19		FN0043/01	1			
		SCAN VER														
22D197/234	08:17:50	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-33	125.0/-1.1	0/ 8	122/07:30:04	00:15.0	
		BB1	ISDR	70	43	27	0	0	61.99	24.41		FN0043/02	1			
		SCAN VER														
21D198/245	09:37:38	COLOR	260.0/285.0	-20	.12	1/1	1	3	RT/UH	16K	-25	138.9/ 7.0	189/ -0	133/16:05:19	02:13.0	
		BLU	ISDR	207	0	0	2	1	53.28	33.10		FN0043/03	1			
		GRN	ISDR	207	0	0	2	1	56.92	32.58		FN0043/04	1			
		RED	ISDR	206	0	0	3	1	55.98	22.84		FN0043/05	1			
		MON TROUGHS / DRIFTS - SAM														
22D199/245	10:03:12	SINGLE	35.0/ 55.0	-10	.04	5/2	1	2	RT/UH	16K	-29	143.9/ 9.6	18/ -3	133/16:30:53	01:46.0	
		BB4	ISDR	495	0	0	6	1	119.61	21.77		FN0043/06	1			
		MON TROUGHS / DRIFTS														
21D200/245	10:59:29	COLOR	72.5/ 80.0	0	.12	1/1	1	3	REC/UH	16K	-23	155.8/14.2	205/ -9	133/17:27:10	00:42.5	
		BLU	ISDR	65	65	1	0	0	76.50	40.52		FN0043/07	1			
		GRN	ISDR	64	65	1	1	1	78.22	35.94		FN0043/08	1			
		RED	ISDR	64	65	1	1	1	72.41	31.04		FN0043/09	1			
		HGA														
21D201/245	11:00:12	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-23	155.9/14.2	205/- 9	133/17:27:53	00:18.0	
		CAL	ISDR	84	0	0	0	0	.00	.00		FN0043/10	1			
		CALIBRATION FRAME														
21D202/245	11:29:29	SINGLE	20.0/ 45.0	10	.12	4/3	1	1	REC/UH	16K	-23	162.4/15.9	211/-12	133/17:57:10	00:46.9	
		SUN	ISDR	217	209	8	0	0	62.94	.48		FN0043/11	1			
		AM SUN DIODE														
22D203/245	12:04:29	SINGLE	75.0/100.0	-10	.04	5/2	1	3	REC/UH	16K	-27	170.4/17.3	43/-14	133/18:32:10	02:15.8	
		BB4	ISDR	635	626	9	0	0	128.16	40.23		FN0043/12	1			
		MON TROUGHS / DRIFTS														
22D204/245	12:06:45	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-27	170.9/17.3	43/-14	133/18:34:26	00:18.0	
		CAL	ISDR	84	0	0	0	0	.00	.00		FN0043/13	1			
		CALIBRATION FRAME														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR. AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21D205/245	12:14:29	SINGLE	247.5/260.0	-50	.04	8/2	1	2	REC/UH	16K	-23	172.7/17.5	221/-15	133/18:42:10	01:09.2	
		BB1	ISDR 321	314	7	0	0		121.05	25.32		FN0043/14	1			
		MON DURICRUST														
22D206/245	12:31:29	SINGLE	100.0/100.0	-10	.04	14/2	1	3	REC/UH	16K	-23	176.7/17.8	49/-16	133/18:59:10	00:13.5	R
		SURV	ISDR 60	1	59	0	0		105.55	21.26		FN0043/15	1			
		SURFACE RESCAN														
22D207/245	12:34:29	SINGLE	110.0/130.0	-10	.04	5/2	1	3	REC/UH	16K	-27	177.4/17.8	50/-16	133/19:02:10	01:49.2	
		BB4	ISDR 509	501	8	0	0		140.21	58.13		FN0043/16	1			
		MON TROUGHS / DRIFTS														
21D208/245	12:44:29	SINGLE	235.0/257.5	-10	.04	5/2	1	3	REC/UH	16K	-21	179.7/17.8	228/-16	133/19:12:10	02:02.5	
		BB4	ISDR 569	564	7	2	1		133.20	29.23		FN0043/17	1			
		MON TROUGHS / DRIFTS														
22D209/245	12:59:29	SINGLE	115.0/135.0	-30	.12	1/3	1	3	REC/UH	16K	-25	183.2/17.8	55/-16	133/19:27:10	00:38.0	
		BLU	ISDR 171	168	3	0	0		77.95	41.36		FN0043/18	1			
		MON TROUGHS / DRIFTS														
22D210/245	13:01:29	SINGLE	115.0/135.0	-30	.12	2/3	1	3	REC/UH	16K	-27	183.6/17.7	56/-17	133/19:29:10	00:38.0	
		GRN	ISDR 174	168	6	0	0		88.65	39.03		FN0043/19	1			
		MON TROUGHS / DRIFTS														
22D211/245	13:03:29	SINGLE	115.0/135.0	-30	.12	3/3	1	4	REC/UH	16K	-25	184.1/17.7	56/-17	133/19:31:10	00:38.0	
		RED	ISDR 174	168	6	0	0		60.12	25.11		FN0043/20	1			
		MON TROUGHS / DRIFTS														
22D212/245	13:19:29	SINGLE	232.5/257.5	10	.12	4/3	1	2	REC/UH	16K	-25	187.8/17.4	60/-17	133/19:47:10	00:46.9	
		SUN	ISDR 215	209	6	0	0		31.18	3.97		FN0043/21	1			
		PM SUN DIODE														
22D213/245	13:29:29	SINGLE	135.0/152.5	-30	.12	1/3	1	2	REC/UH	16K	-25	190.1/17.2	62/-17	133/19:57:10	00:33.6	
		BLU	ISDR 153	147	6	0	0		123.59	40.58		FN0043/22	1			
		MON TROUGHS / DRIFTS														
22D214/245	13:31:29	SINGLE	135.0/152.5	-30	.12	2/3	1	2	REC/UH	16K	-25	190.6/17.1	63/-17	133/19:59:10	00:33.6	
		GRN	ISDR 153	147	6	0	0		141.61	43.91		FN0043/23	1			
		MON TROUGHS / DRIFTS														
22D215/245	13:33:29	SINGLE	135.0/152.5	-30	.12	3/3	1	3	REC/UH	16K	-25	191.0/17.1	63/-17	133/20:01:10	00:33.6	
		RED	ISDR 155	147	8	0	0		102.81	47.93		FN0043/24	1			
		MON TROUGHS / DRIFTS														
21D216/245	14:29:28	SINGLE	212.5/235.0	-10	.04	5/2	1	3	REC/UH	16K	-23	203.6/14.3	252/-16	133/20:57:10	02:02.5	
		BB4	ISDR 573	564	9	0	0		94.29	17.79		FN0043/25	1			
		MON TROUGHS / DRIFTS														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21D217/246	07:20:32	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-27	114.2/-11	166/ 18	134/14:27:48	00:15.0	
		BB1	ISDR	70	43	27	0	0	93.29	46.19		FN0043/26	1			
		SCAN VER														
22D218/246	07:44:07	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-31	118.2/-7.6	353/ 15	134/14:51:24	00:15.0	
		BB1	ISDR	70	43	27	0	0	61.73	22.93		FN0043/27	1			
		SCAN VER														
21D219/257	09:18:13	SINGLE	235.0/260.0	-10	.04	5/2	1	3	RT/UH	16K	-27	133.7/ 3.4	184/ 3	145/23:40:58	02:13.0	
		BB4	ISDR	622	0	0	4	1	35.04	6.96		FN0043/28	1			
		MONITOR TROUGHS/DRIFTS														
22D220/257	09:43:47	COLOR	115.0/135.0	-30	.12	1/1	1	2	RT/UH	16K	-31	138.6/ 6.3	13/ -0	146/00:06:31	01:46.0	
		BLU	ISDR	165	0	0	3	1	65.94	33.36		FN0043/29	1			
		GRN	ISDR	164	0	0	4	1	73.08	33.93		FN0043/30	1			
		RED	ISDR	164	0	0	4	1	90.88	39.29		FN0043/31	1			
		MONITOR TROUGHS/DRIFTS														
22D221/257	10:59:29	COLOR	297.5/305.0	-10	.12	1/1	1	3	REC/UH	16K	-31	154.1/13.2	27/ -8	146/01:22:13	00:42.5	
		BLU	SDR	67	314	3	0	0	126.49	60.36		FN0043/32	1			
		GRN	SDR	67	314	3	0	0	126.49	60.36		FN0043/33	1			
		RED	SDR	67	314	3	0	0	126.49	60.36		FN0043/34	1			
		HIGH GAIN ANTENNA														
22D222/257	11:02:29	SINGLE	297.5/297.5	-30	.04	14/2	1	3	REC/UH	16K	-15	154.7/13.4	28/ -8	146/01:25:13	00:13.5	R
		SURV	SDR	4	314	3	0	0	126.49	60.36		FN0043/35	1			
		SURV. RESCAN, GRID, HR														
22D223/257	11:29:29	SINGLE	205.0/230.0	10	.12	4/3	1	1	REC/UH	16K	-29	160.6/15.1	34/-11	146/01:52:13	00:46.9	
		SUN	ISDR	146	209	8	71	1	69.14	2.41		FN0043/36	1			
		OPTICAL DEPTH														
21D224/257	12:11:29	SINGLE	235.0/260.0	-20	.12	1/3	1	3	REC/UH	16K	-23	170.1/16.8	219/-14	146/02:34:13	00:46.9	
		BLU	ISDR	217	209	8	0	0	96.55	32.20		FN0043/37	1			
		MON. TROUGHS/DRIFTS-SAM														
21D225/257	12:13:59	SINGLE	235.0/260.0	-20	.12	2/3	1	3	REC/UH	16K	-23	170.7/16.9	219/-14	146/02:36:43	00:46.9	
		GRN	ISDR	214	209	8	3	2	108.73	34.15		FN0043/38	1			
		MON. TROUGHS/DRIFTS-SAM														
21D226/257	12:16:29	SINGLE	235.0/260.0	-20	.12	3/3	1	4	REC/UH	16K	-23	171.2/16.9	220/-14	146/02:39:13	00:46.9	
		RED	ISDR	217	209	8	0	0	68.79	27.80		FN0043/39	1			
		MON. TROUGHS/DRIFTS-SAM														
22D227/257	12:44:29	SINGLE	55.0/ 75.0	-10	.04	5/2	1	3	REC/UH	16K	-27	177.7/17.4	50/-15	146/03:07:13	01:49.2	
		BB4	ISDR	505	501	8	4	3	158.23	33.21		FN0043/40	1			
		MON. TROUGHS/DRIFTS-SAM														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21D228/257	13:14:29	SINGLE	220.0/235.0	-30	.04	0/2	1	3	REC/UH	16K	-21	184.6/17.3	233/-16	146/03:37:13	01:22.5	
		BB2	ISDR 384	376	8	0	0		84.46	14.63		FN0043/41	1			
		TRENCH SITE														
22D229/257	13:19:29	SINGLE	232.5/257.5	10	.12	4/3	1	1	REC/UH	16K	-27	185.8/17.2	58/-16	146/03:42:13	00:46.9	
		SUN	ISDR 217	209	8	0	0		69.03	2.28		FN0043/42	1			
		OPTICAL DEPTH														
21D230/257	13:44:29	SINGLE	260.0/280.0	-20	.04	5/2	1	3	REC/UH	16K	-21	191.5/16.6	240/-16	146/04:07:13	01:49.2	
		BB4	SDR 505	501	4	0	0		125.78	30.61		FN0043/43	1			
		MON. TROUGHS/DRIFTS-SAM														
22D231/257	13:59:29	SINGLE	35.0/ 55.0	-10	.04	5/2	1	3	REC/UH	16K	-25	194.9/16.0	67/-16	146/04:22:13	01:49.2	
		BB4	ISDR 507	501	6	0	0		130.26	28.28		FN0043/44	1			
		MON. TROUGHS/DRIFTS-SAM														
21D232/257	14:09:29	SINGLE	260.0/285.0	-20	.12	1/3	1	3	REC/UH	16K	-21	197.2/15.6	246/-16	146/04:32:13	00:46.9	
		BLU	ISDR 229	209	29	9	5		85.93	37.43		FN0043/45	1			
		MON. TROUGHS/DRIFTS-SAM														
21D233/257	14:11:59	SINGLE	260.0/285.0	-20	.12	2/3	1	3	REC/UH	16K	-21	197.7/15.4	246/-16	146/04:34:43	00:46.9	
		GRN	ISDR 219	209	10	0	0		96.81	40.22		FN0044/01	1			
		MON. TROUGHS/DRIFTS-SAM														
21D234/257	14:14:29	SINGLE	260.0/285.0	-20	.12	3/3	1	4	REC/UH	16K	-19	198.3/15.3	247/-16	146/04:37:13	00:46.9	
		RED	ISDR 214	209	8	3	2		62.67	27.03		FN0044/02	1			
		MON. TROUGHS/DRIFTS-SAM														
21D235/257	14:44:29	SINGLE	280.0/300.0	-20	.04	5/2	1	2	REC/UH	16K	-19	204.9/13.5	254/-15	146/05:07:13	01:49.2	
		BB4	ISDR 509	501	8	0	0		178.96	36.39		FN0044/03	1			
		MON. TROUGHS/DRIFTS-SAM														
21D236/258	06:59:39	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-19	109.6/-15	161/ 23	146/22:01:58	00:15.0	
		BB1	SDR 46	314	3	0	0		126.49	60.36		FN0044/04	1			
		SCAN VER - CAM 1														
22D237/258	07:23:14	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-33	113.5/-12	349/ 20	146/22:25:34	00:15.0	
		BB1	ISDR 70	43	27	0	0		61.28	22.69		FN0044/05	1			
		SCAN VER - CAM 2														
21D238/269	08:57:17	COLOR	260.0/285.0	-20	.12	1/1	1	1	RT/UH	16K	-29	128.3/-0.1	179/ 7	158/07:15:05	02:13.0	
		BLU	ISDR 207	0	0	2	1		89.54	22.61		FN0044/06	1			
		GRN	ISDR 207	0	0	2	1		94.75	25.28		FN0044/07	1			
		RED	ISDR 206	0	0	3	1		105.32	20.36		FN0044/08	1			
		MON. TROUGHS AND DRIFTS														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS	AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS						
22D239/269 09:22:51		SINGLE	35.0/ 55.0	-10	.04	5/2	1	1	RT/UH	16K	-31	133.0/ 3.0	8/ 3	158/07:40:38	01:46.0	
		BB4	ISDR 495	0	0	6	1		124.85	18.24		FN0044/09	1			
		MON. TROUGHS AND DRIFTS														
21D240/269 10:59:01		COLOR	72.5/ 80.0	0	.12	1/1	1	3	REC/UH	16K	-29	152.1/12.6	202/ -7	158/09:16:48	00:42.5	
		BLU	ISDR 65	65	1	0	0		51.22	23.46		FN0044/10	1			
		GRN	ISDR 64	65	1	1	1		56.21	24.08		FN0044/11	1			
		RED	ISDR 64	65	1	1	1		56.57	19.62		FN0044/12	1			
		HIGH GAIN ANTENNA														
21D241/269 10:59:44		SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-29	152.2/12.6	202/- 7	158/09:17:31	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0044/13	1			
		CALIBRATION FRAME														
21D242/269 11:29:01		SINGLE	20.0/ 45.0	10	.12	4/3	1	1	REC/UH	16K	-29	158.6/14.6	208/-10	158/09:46:48	00:46.9	
		SUN	ISDR 215	209	8	2	1		62.70	1.07		FN0044/14	1			
		OPTICAL DEPTH														
22D243/269 12:04:01		SINGLE	75.0/100.0	-10	.04	5/2	1	3	REC/UH	16K	-31	166.4/16.3	39/-13	158/10:21:48	02:15.8	
		BB4	ISDR 635	626	9	0	0		97.29	31.84		FN0044/15	1			
		MON. TROUGHS AND DRIFTS														
22D244/269 12:06:17		SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-31	166.9/16.3	40/-13	158/10:24:04	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0044/16	1			
		CALIBRATION FRAME														
21D245/269 12:14:01		SINGLE	247.5/260.0	-50	.04	8/2	1	2	REC/UH	16K	-27	168.7/16.7	217/-13	158/10:31:48	01:09.2	
		BB1	ISDR 321	314	7	0	0		125.19	26.24		FN0044/17	1			
		MONITOR DURICRUST														
22D246/269 12:31:01		SINGLE	100.0/100.0	-10	.04	14/2	1	3	REC/UH	16K	-27	172.6/17.1	45/-14	158/10:48:48	00:13.5	R
		SURV	ISDR 60	1	59	0	0		84.07	18.37		FN0044/18	1			
		SURFACE RESCAN														
22D247/269 12:34:01		SINGLE	110.0/130.0	-10	.04	5/2	1	3	REC/UH	16K	-31	173.3/17.2	46/-15	158/10:51:48	01:49.2	
		BB4	ISDR 509	501	8	0	0		113.86	45.19		FN0044/19	1			
		MON. TROUGHS AND DRIFTS														
21D248/269 12:44:01		SINGLE	235.0/257.5	-10	.04	5/2	1	3	REC/UH	16K	-27	175.6/17.3	224/-15	158/11:01:48	02:02.5	
		BB4	ISDR 571	564	7	0	0		95.40	24.86		FN0044/20	1			
		MON. TROUGHS AND DRIFTS														
22D249/269 12:59:01		SINGLE	115.0/135.0	-30	.12	1/3	1	3	REC/UH	16K	-29	179.1/17.4	51/-16	158/11:16:48	00:38.0	
		BLU	SDR 171	168	3	0	0		72.21	36.36		FN0044/21	1			
		MON. TROUGHS AND DRIFTS														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22D250/269	13:01:01	SINGLE	115.0/135.0	-30	.12	2/3	1	3	REC/UH	16K	-29	179.6/17.5	52/-16	158/11:18:48	00:38.0	
		GRN	ISDR 174	168	6	0	0		84.39	39.52		FN0044/22	1			
		MON. TROUGHS AND DRIFTS														
22D251/269	13:03:01	SINGLE	115.0/135.0	-30	.12	3/3	1	4	REC/UH	16K	-29	180.0/17.5	52/-16	158/11:20:48	00:38.0	
		RED	ISDR 176	168	8	0	0		53.64	18.96		FN0044/23	1			
		MON. TROUGHS AND DRIFTS														
22D252/269	13:19:01	SINGLE	232.5/257.5	10	.12	4/3	1	2	REC/UH	16K	-29	183.7/17.4	56/-16	158/11:36:48	00:46.9	
		SUN	ISDR 215	209	6	0	0		31.00	.77		FN0044/24	1			
		OPTICAL DEPTH														
22D253/269	13:29:01	SINGLE	135.0/152.5	-30	.12	1/3	1	3	REC/UH	16K	-29	186.0/17.2	58/-16	158/11:46:48	00:33.6	
		BLU	ISDR 153	147	6	0	0		71.30	38.47		FN0044/25	1			
		MON. TROUGHS AND DRIFTS														
22D254/269	13:31:01	SINGLE	135.0/152.5	-30	.12	2/3	1	3	REC/UH	16K	-29	186.5/17.2	59/-16	158/11:48:48	00:33.6	
		GRN	ISDR 153	147	6	0	0		83.40	42.11		FN0044/26	1			
		MON. TROUGHS AND DRIFTS														
22D255/269	13:33:01	SINGLE	135.0/152.5	-30	.12	3/3	1	4	REC/UH	16K	-29	187.0/17.2	59/-16	158/11:50:48	00:33.6	
		RED	ISDR 155	147	8	0	0		52.48	20.63		FN0044/27	1			
		MON. TROUGHS AND DRIFTS														
21E000/269	14:29:01	SINGLE	212.5/235.0	-10	.04	5/2	1	3	REC/UH	16K	-25	199.6/15.1	248/-16	158/12:46:48	02:02.5	
		BB4	ISDR 573	564	9	0	0		74.89	16.48		FN0044/28	1			
		MON. TROUGHS AND DRIFTS														
21E001/270	06:38:58	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-33	104.7/-20	156/ 28	159/05:36:21	00:15.0	
		BB1	ISDR 70	43	27	0	0		91.61	45.15		FN0044/29	1			
		SCAN VER - CAM 1														
22E002/270	07:02:34	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-37	108.6/-16	344/ 24	159/05:59:56	00:15.0	
		BB1	ISDR 70	43	27	0	0		60.43	22.22		FN0044/30	1			
		SCAN VER - CAM 2														
21E003/281	08:34:57	SINGLE	235.0/260.0	-10	.04	5/2	1	0	RT/UH	16K	-31	122.6/-3.8	174/ 11	170/14:47:47	02:13.0	
		BB4	ISDR 621	0	0	5	2		129.12	12.38		FN0044/31	1			
		MON. TROUGHS AND DRIFTS														
22E004/281	09:00:30	COLOR	115.0/135.0	-30	.12	1/1	1	0	RT/UH	16K	-37	127.1/-0.3	2/ 7	170/15:13:21	01:46.0	
		BLU	ISDR 165	0	0	3	1		145.44	14.01		FN0044/32	1			
		GRN	ISDR 164	0	0	4	1		151.64	16.32		FN0044/33	1			
		RED	ISDR 164	0	0	4	1		178.10	15.03		FN0044/34	1			
		MON. TROUGHS AND DRIFTS														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22E005/281	10:59:01	COLOR	297.5/305.0	-10	.12	1/1	1	3	REC/UH	16K	-33	150.2/12.4	24/ -7	170/17:11:52	00:42.5	
		BLU	ISDR	65	65	1	0	0	27.99	7.12		FN0044/35	1			
		GRN	ISDR	64	65	1	1	1	31.83	10.48		FN0044/36	1			
		RED	ISDR	64	65	1	1	1	44.46	15.66		FN0044/37	1			
		HIGH GAIN ANTENNA														
22E006/281	11:02:01	SINGLE	297.5/297.5	-30	.04	14/2	1	3	REC/UH	16K	-33	150.9/12.7	24/ -7	170/17:14:52	00:13.5	R
		SURV	ISDR	60	1	59	0	0	33.55	3.14		FN0044/38	1			
		SURV. RESCAN, GRID, HR														
22E007/281	11:29:01	SINGLE	205.0/230.0	10	.12	4/3	1	1	REC/UH	16K	-31	156.7/14.6	30/-10	170/17:41:52	00:46.9	
		SUN	ISDR	217	209	8	0	0	68.83	2.80		FN0044/39	1			
		OPTICAL DEPTH														
21E008/281	12:11:01	SINGLE	235.0/260.0	-20	.12	1/3	1	3	REC/UH	16K	-27	166.1/16.8	215/-13	170/18:23:52	00:46.9	
		BLU	ISDR	217	209	8	0	0	40.90	12.35		FN0044/40	1			
		MON. TROUGHS AND DRIFTS														
21E009/281	12:13:31	SINGLE	235.0/260.0	-20	.12	2/3	1	3	REC/UH	16K	-27	166.7/16.9	215/-13	170/18:26:22	00:46.9	
		GRN	ISDR	217	209	8	0	0	51.14	17.37		FN0044/41	1			
		MON. TROUGHS AND DRIFTS														
21E010/281	12:16:01	SINGLE	235.0/260.0	-20	.12	3/3	1	4	REC/UH	16K	-27	167.3/17.0	216/-14	170/18:28:52	00:46.9	
		RED	ISDR	217	209	8	0	0	37.05	10.10		FN0044/42	1			
		MON. TROUGHS AND DRIFTS														
22E011/281	12:44:01	SINGLE	55.0/ 75.0	-10	.04	5/2	1	3	REC/UH	16K	-33	173.7/17.7	46/-15	170/18:56:52	01:49.2	
		BB4	ISDR	509	501	8	0	0	58.39	15.63		FN0044/43	1			
		MON. TROUGHS AND DRIFTS														
21E012/281	13:14:01	SINGLE	220.0/235.0	-30	.04	0/2	1	3	REC/UH	16K	-27	180.7/18.0	229/-16	170/19:26:52	01:22.5	
		BB2	ISDR	383	376	7	0	0	58.33	11.48		FN0044/44	1			
		TRENCH SITE														
22E013/281	13:19:01	SINGLE	232.5/257.5	10	.12	4/3	1	1	REC/UH	16K	-31	181.9/18.0	54/-16	170/19:31:52	00:46.9	
		SUN	ISDR	217	209	8	0	0	68.72	2.46		FN0044/45	1			
		OPTICAL DEPTH														
21E014/281	13:44:01	SINGLE	260.0/280.0	-20	.04	5/2	1	3	REC/UH	16K	-27	187.7/17.6	236/-17	170/19:56:52	01:49.2	
		BB4	SDR	506	501	5	0	0	61.09	12.81		FN0044/46	1			
		MON. TROUGHS AND DRIFTS														
22E015/281	13:59:01	SINGLE	35.0/ 55.0	-10	.04	5/2	1	3	REC/UH	16K	-33	191.2/17.2	63/-17	170/20:11:52	01:49.2	
		BB4	ISDR	507	501	6	0	0	58.27	14.50		FN0045/01	1			
		MON. TROUGHS AND DRIFTS														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21E016/281	14:09:01	SINGLE	260.0/285.0	-20	.12	1/3	1	3	REC/UH	16K	-27	193.5/16.9	242/-17	170/20:21:52	00:46.9	
		BLU	ISDR	215	209	6	0	0	44.04	14.50		FN0045/02	1			
		MON. TROUGHS AND DRIFTS														
21E017/281	14:11:31	SINGLE	260.0/285.0	-20	.12	2/3	1	3	REC/UH	16K	-27	194.0/16.8	242/-17	170/20:24:22	00:46.9	
		GRN	ISDR	217	209	8	0	0	54.10	20.13		FN0045/03	1			
		MON. TROUGHS AND DRIFTS														
21E018/281	14:14:01	SINGLE	260.0/285.0	-20	.12	3/3	1	4	REC/UH	16K	-27	194.6/16.7	243/-17	170/20:26:52	00:46.9	
		RED	ISDR	219	209	10	0	0	38.44	12.74		FN0045/04	1			
		MON. TROUGHS AND DRIFTS														
21E019/281	14:44:01	SINGLE	280.0/300.0	-20	.04	5/2	1	2	REC/UH	16K	-27	201.3/15.2	250/-16	170/20:56:52	01:49.2	
		BB4	ISDR	509	501	8	0	0	103.18	22.67		FN0045/05	1			
		MON. TROUGHS AND DRIFTS														
21E020/282	06:16:28	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-33	99.2/-24	150/ 33	171/13:08:54	00:15.0	
		BB1	ISDR	70	43	27	0	0	91.02	44.74		FN0045/06	1			
		SCAN VER - CAM 1														
22E021/282	06:40:04	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-39	103.1/-21	338/ 29	171/13:32:30	00:15.0	
		BB1	ISDR	70	43	27	0	0	60.48	22.10		FN0045/07	1			
		SCAN VER - CAM 2														
21E022/293	08:08:30	COLOR	260.0/285.0	-20	.12	1/1	1	0	RT/UH	16K	-33	116.2/-7.8	167/ 15	182/22:16:24	02:13.0	
		BLU	ISDR	207	0	0	2	1	124.04	13.77		FN0045/08	1			
		GRN	ISDR	207	0	0	2	1	129.46	14.31		FN0045/09	1			
		RED	ISDR	206	0	0	3	1	143.38	7.69		FN0045/10	1			
		MONITOR TROUGHS/DRIFTS														
22E023/293	08:34:04	SINGLE	35.0/ 55.0	-10	.04	5/2	1	0	RT/UH	16K	-39	120.6/-4.1	356/ 11	182/22:41:57	01:46.0	
		BB4	ISDR	412	0	0	89	2	142.32	28.44		FN0045/11	1			
		MONITOR TROUGHS/DRIFTS														
21E024/293	10:59:02	COLOR	72.5/ 80.0	0	.12	1/1	1	2	REC/UH	16K	-31	148.4/12.7	198/ -7	183/01:06:55	00:42.5	
		BLU	ISDR	65	65	1	0	0	50.59	11.67		FN0045/12	1			
		GRN	ISDR	64	65	1	1	1	57.92	15.72		FN0045/13	1			
		RED	ISDR	64	65	1	1	1	77.97	20.00		FN0045/14	1			
		HIGH GAIN ANTENNA														
21E025/293	10:59:45	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-29	148.5/12.7	198/- 7	183/01:07:38	00:18.0	
		CAL	ISDR	84	0	0	0	0	.00	.00		FN0045/15	1			
		CALIBRATION FRAME														
21E026/293	11:29:02	SINGLE	20.0/ 45.0	10	.12	4/3	1	1	REC/UH	16K	-29	154.8/15.1	204/-10	183/01:36:55	00:46.9	
		SUN	ISDR	217	209	8	0	0	62.53	1.30		FN0045/16	1			
		OPTICAL DEPTH														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22E027/293	12:04:02	SINGLE	75.0/100.0	-10	.04	5/2	1	3	REC/UH	16K	-33	162.7/17.1	35/-13	183/02:11:55	02:15.8	
		BB4	ISDR 635	626	9	0	0		59.11	16.50		FN0045/17	1			
		MON. TROUGHS AND DRIFTS														
22E028/293	12:06:18	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-33	163.2/17.2	36/-13	183/02:14:11	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		FN0045/18	1			
		CALIBRATION FRAME														
21E029/293	12:14:02	SINGLE	247.5/260.0	-50	.04	8/2	1	2	REC/UH	16K	-27	165.0/17.6	214/-14	183/02:21:55	01:09.2	
		BB1	ISDR 320	314	7	1	1		98.10	16.83		FN0045/19	1			
		MONITOR DURICRUST														
22E030/293	12:31:02	SINGLE	100.0/100.0	-10	.04	14/2	1	3	REC/UH	16K	-27	168.9/18.2	41/-15	183/02:38:55	00:13.5	R
		SURV	ISDR 60	1	59	0	0		5,.18	12.72		FN0045/20	1			
		SURFACE RESCAN														
22E031/293	12:34:02	SINGLE	110.0/130.0	-10	.04	5/2	1	3	REC/UH	16K	-33	169.6/18.3	42/-15	183/02:41:55	01:49.2	
		BB4	ISDR 509	501	8	0	0		70.39	22.48		FN0045/21	1			
		MON. TROUGHS AND DRIFTS														
21E032/293	12:44:02	SINGLE	235.0/257.5	-10	.04	5/2	1	3	REC/UH	16K	-27	172.0/18.6	220/-16	183/02:51:55	02:02.5	
		BB4	ISDR 571	564	7	0	0		58.62	14.80		FN0045/22	1			
		MON. TROUGHS AND DRIFTS														
22E033/293	12:59:02	SINGLE	115.0/135.0	-30	.12	1/3	1	3	REC/UH	16K	-31	175.5/18.8	48/-16	183/03:06:55	00:38.0	
		BLU	ISDR 171	168	3	0	0		33.96	8.09		FN0045/23	1			
		MON. TROUGHS AND DRIFTS														
22E034/293	13:01:02	SINGLE	115.0/135.0	-30	.12	2/3	1	3	REC/UH	16K	-31	176.0/18.9	48/-17	183/03:08:55	00:38.0	
		GRN	ISDR 174	168	6	0	0		43.03	12.05		FN0045/24	1			
		MON. TROUGHS AND DRIFTS														
22E035/293	13:03:02	SINGLE	115.0/135.0	-30	.12	3/3	1	3	REC/UH	16K	-31	176.4/18.9	49/-17	183/03:10:55	00:38.0	
		RED	ISDR 174	168	6	0	0		71.73	19.65		FN0045/25	1			
		MON. TROUGHS AND DRIFTS														
22E036/293	13:19:02	SINGLE	232.5/257.5	10	.12	4/3	1	2	REC/UH	16K	-31	180.2/19.0	52/-17	183/03:26:55	00:46.9	
		SUN	ISDR 215	209	6	0	0		31.00	.24		FN0045/26	1			
		OPTICAL DEPTH														
22E037/293	13:29:02	SINGLE	135.0/152.5	-30	.12	1/3	1	3	REC/UH	16K	-31	182.6/18.9	55/-18	183/03:36:55	00:33.6	
		BLU	ISDR 153	147	6	0	0		34.22	8.69		FN0045/27	1			
		MON. TROUGHS AND DRIFTS														
22E038/293	13:31:02	SINGLE	135.0/152.5	-30	.12	2/3	1	3	REC/UH	16K	-31	183.0/18.9	55/-18	183/03:38:55	00:33.6	
		GRN	ISDR 153	147	6	0	0		44.02	13.70		FN0045/28	1			
		MON. TROUGHS AND DRIFTS														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22E039/293	13:33:02	SINGLE	135.0/152.5	-30	.12	3/3	1	3	REC/UH	16K	-31	183.5/18.9	56/-18	183/03:40:55	00:33.6	
		RED	ISDR	155	147	8	0	0	72.20	22.43		FN0046/01	1			
		MON. TROUGHS AND DRIFTS														
21E040/293	14:29:01	SINGLE	212.5/235.0	-10	.04	5/2	1	3	REC/UH	16K	-27	196.6/17.3	245/-18	183/04:36:55	02:02.5	
		BB4	ISDR	571	564	7	0	0	53.15	11.45		FN0046/02	1			
		MON. TROUGHS AND DRIFTS														
21E041/294	05:53:38	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-33	93.3/-29	144/ 37	183/20:41:06	00:15.0	
		BB1	ISDR	70	43	27	0	0	89.15	43.52		FN0046/03	1			
		SCAN VER - CAM 1														
22E042/294	06:17:13	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-39	97.3/-25	332/ 33	183/21:04:42	00:15.0	
		BB1	ISDR	70	43	27	0	0	59.85	21.81		FN0046/04	1			
		SCAN VER - CAM 2														
21E043/305	07:41:05	IR	235.0/260.0	10	.12	9/1	1	0	RT/UH	16K	-33	109.6/-11	161/ 19	195/05:44:01	02:13.0	
		IR3	ISDR	207	0	0	2	1	129.08	8.67		FN0046/05	1			
		IR2	ISDR	207	0	0	2	1	118.15	11.38		FN0046/06	1			
		IR1	ISDR	206	0	0	3	1	127.46	8.02		FN0046/07	1			
		MON. TROUGHS AND DRIFTS														
22E044/305	08:06:38	COLOR	115.0/135.0	10	.12	1/1	1	0	RT/UH	16K	-39	113.9/-8.0	349/ 15	195/06:09:35	01:46.0	
		BLU	ISDR	165	0	0	3	1	140.79	12.48		FN0046/08	1			
		GRN	ISDR	164	0	0	4	1	142.71	13.45		FN0046/09	1			
		RED	ISDR	164	0	0	4	1	158.27	8.34		FN0046/10	1			
		MON. TROUGHS AND DRIFTS														
22E045/305	10:59:02	COLOR	297.5/305.0	-10	.12	1/1	1	2	REC/UH	16K	-37	146.5/13.4	20/ -8	195/09:01:59	00:42.5	
		BLU	ISDR	65	65	1	0	0	56.91	21.64		FN0046/11	1			
		GRN	ISDR	64	65	1	1	1	68.12	29.95		FN0046/12	1			
		RED	ISDR	64	65	1	1	1	96.74	39.28		FN0046/13	1			
		HIGH GAIN ANTENNA														
22E046/305	11:02:02	SINGLE	297.5/297.5	-30	.04	14/2	1	2	REC/UH	16K	-37	147.1/13.7	21/ -8	195/09:04:59	00:13.5	R
		SURV	ISDR	60	1	59	0	0	70.12	6.40		FN0046/14	1			
		SURV. RESCAN, GRID, HR														
22E047/305	11:29:02	SINGLE	182.5/207.5	10	.12	4/3	1	0	REC/UH	16K	-35	153.0/15.9	26/-11	195/09:31:59	00:46.9	
		SUN	ISDR	217	209	8	0	0	140.68	4.85		FN0046/15	1			
		OPTICAL DEPTH														
21E048/305	12:11:02	SINGLE	235.0/260.0	-20	.12	1/3	1	2	REC/UH	16K	-29	162.6/18.5	211/-14	195/10:13:58	00:46.9	
		BLU	ISDR	217	209	8	0	0	108.20	42.54		FN0046/16	1			
		MON. TROUGHS AND DRIFTS														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21E049/305	12:13:32	SINGLE	235.0/260.0	-20	.12	2/3	1	2	REC/UH	16K	-29	163.2/18.6	212/-15	195/10:16:28	00:46.9	
		GRN	ISDR 217	209	8	0	0		122.53	38.13		FN0046/17	1			
		MON. TROUGHS AND DRIFTS														
21E050/305	12:16:02	SINGLE	235.0/260.0	-20	.12	3/3	1	2	REC/UH	16K	-29	163.7/18.7	212/-15	195/10:18:58	00:46.9	
		RED	ISDR 217	209	8	0	0		157.75	31.07		FN0046/18	1			
		MON. TROUGHS AND DRIFTS														
22E051/305	12:44:02	SINGLE	55.0/ 75.0	-10	.04	5/2	1	2	REC/UH	16K	-33	170.3/19.8	42/-17	195/10:46:58	01:49.2	
		BB4	ISDR 509	501	8	0	0		160.85	42.42		FN0046/19	1			
		MON. TROUGHS AND DRIFTS														
21E052/305	13:14:02	SINGLE	220.0/235.0	-30	.04	0/2	1	2	REC/UH	16K	-27	177.5/20.3	225/-18	195/11:16:58	01:22.5	
		BB2	ISDR 383	376	7	0	0		155.70	29.67		FN0046/20	1			
		TRENCH SITE														
22E053/305	13:19:02	SINGLE	220.0/245.0	10	.12	4/3	1	1	REC/UH	16K	-31	178.7/20.3	51/-18	195/11:21:58	00:46.9	
		SUN	ISDR 217	209	8	0	0		68.53	2.63		FN0046/21	1			
		OPTICAL DEPTH														
21E054/305	13:44:02	SINGLE	260.0/280.0	-20	.04	5/2	1	2	REC/UH	16K	-25	184.8/20.2	233/-19	195/11:46:58	01:49.2	
		BB4	SDR 504	501	3	0	0		173.19	35.89		FN0046/22	1			
		MON. TROUGHS AND DRIFTS														
22E055/305	13:59:02	SINGLE	35.0/ 55.0	-10	.04	5/2	1	2	REC/UH	16K	-31	188.4/19.9	60/-19	195/12:01:58	01:49.2	
		BB4	ISDR 507	501	6	0	0		167.25	41.84		FN0046/23	1			
		MON. TROUGHS AND DRIFTS														
21E056/305	14:09:02	SINGLE	260.0/285.0	-20	.12	1/3	1	2	REC/UH	16K	-25	190.7/19.6	238/-19	195/12:11:58	00:46.9	
		BLU	ISDR 215	209	6	0	0		119.75	50.41		FN0046/24	1			
		MON. TROUGHS AND DRIFTS														
21E057/305	14:11:32	SINGLE	260.0/285.0	-20	.12	2/3	1	2	REC/UH	16K	-25	191.3/19.6	239/-19	195/12:14:28	00:46.9	
		GRN	ISDR 217	209	8	0	0		125.07	36.53		FN0046/25	1			
		MON. TROUGHS AND DRIFTS														
21E058/305	14:14:02	SINGLE	260.0/285.0	-20	.12	3/3	1	2	REC/UH	16K	-25	191.9/19.5	240/-19	195/12:16:58	00:46.9	
		RED	ISDR 219	209	10	0	0		161.01	35.41		FN0046/26	1			
		MON. TROUGHS AND DRIFTS														
21E059/305	14:44:02	SINGLE	280.0/300.0	-20	.04	5/2	1	3	REC/UH	16K	-25	198.9/18.2	247/-19	195/12:46:58	01:49.2	
		BB4	ISDR 509	501	8	0	0		74.97	16.53		FN0046/27	1			
		MON. TROUGHS AND DRIFTS														
21E060/306	05:30:32	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-29	86.8/-32	136/ 40	196/04:13:04	00:15.0	
		BB1	ISDR 70	43	27	0	0		88.08	42.70		FN0046/28	1			
		SCAN VER - CAM 1														

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VL-2 CAMERA EVENT REPORT

CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22E061/306 05:54:08	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-35	91.1/-28	325/ 37	196/04:36:40	00:15.0	
	BB1	ISDR 70	43	27	0	0		59.68	21.74		FN0046/29	1			
	SCAN VER - CAM 2														
21E062/317 07:15:24	COLOR	260.0/285.0	10	.12	1/1	1	0	RT/UH	16K	-33	103.2/-15	154/ 23	207/13:13:23	02:13.0	
	BLU	ISDR 207	0	0	2	1		126.94	14.45		FN0046/30	1			
	GRN	ISDR 207	0	0	2	1		127.89	12.89		FN0046/31	1			
	RED	ISDR 206	0	0	3	1		142.98	7.50		FN0046/32	1			
	MON. TROUGHS AND DRIFTS														
22E063/317 07:40:58	IR	275.0/295.0	10	.12	9/1	1	0	RT/UH	16K	-39	107.5/-11	343/ 19	207/13:38:57	01:46.0	
	IR3	ISDR 165	0	0	3	1		142.21	9.87		FN0046/33	1			
	IR2	ISDR 164	0	0	4	1		135.10	10.82		FN0046/34	1			
	IR1	ISDR 164	0	0	4	1		139.28	7.43		FN0046/35	1			
	MON. TROUGHS AND DRIFTS														
21E064/317 10:59:02	COLOR	72.5/ 80.0	0	.12	1/1	1	2	REC/UH	16K	-31	144.7/14.6	194/ -8	207/16:57:02	00:42.5	
	BLU	ISDR 65	65	1	0	0		102.17	42.43		FN0046/36	1			
	GRN	ISDR 64	65	1	1	1		114.05	42.88		FN0046/37	1			
	RED	ISDR 64	65	1	1	1		120.04	34.01		FN0046/38	1			
	HIGH GAIN ANTENNA														
21E065/317 10:59:45	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-29	144.8/14.6	194/- 8	207/16:57:45	00:18.0	
	CAL	SDR 84	0	0	0	0		.00	.00		FN0046/39	1			
	CALIBRATION FRAME														
21E066/317 11:29:02	SINGLE	10.0/ 35.0	10	.12	4/3	1	0	REC/UH	16K	-29	151.3/17.1	200/-12	207/17:27:02	00:46.9	
	SUN	ISDR 217	209	8	0	0		125.75	5.79		FN0046/40	1			
	OPTICAL DEPTH														
22E067/317 12:04:02	SINGLE	75.0/100.0	-10	.04	5/2	1	2	REC/UH	16K	-33	159.4/19.5	32/-15	207/18:02:02	02:15.8	
	BB4	ISDR 634	626	8	0	0		182.10	39.68		FN0046/41	1			
	MON. TROUGHS AND DRIFTS														
22E068/317 12:06:18	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-33	159.9/19.6	32/-15	207/18:04:18	00:18.0	
	CAL	SDR 84	0	0	0	0		.00	.00		FN0046/42	1			
	CALIBRATION FRAME														
21E069/317 12:14:02	SINGLE	247.5/260.0	-50	.04	8/2	1	2	REC/UH	16K	-27	161.7/20.1	210/-16	207/18:12:02	01:09.2	
	BB1	ISDR 321	314	7	0	0		151.48	31.53		FN0046/43	1			
	MONITOR DURICRUST														
22E070/317 12:31:02	SINGLE	100.0/100.0	-10	.04	14/2	1	3	REC/UH	16K	-27	165.8/20.9	38/-17	207/18:29:02	00:13.5	R
	SURV	ISDR 60	1	59	0	0		110.92	24.84		FN0046/44	1			
	SURFACE RESCAN														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22E071/317	12:34:02	SINGLE	110.0/130.0	-10	.04	5/2	1	3	REC/UH	16K	-31	166.5/21.0	39/-17	207/18:32:02	01:49.2	
		BB4	ISDR 509	501	8	0	0		145.61	56.60		FN0046/45	1			
		MON. TROUGHS AND DRIFTS														
21E072/317	12:44:02	SINGLE	235.0/257.5	-10	.04	5/2	1	2	REC/UH	16K	-25	168.9/21.3	217/-18	207/18:42:02	02:02.5	
		BB4	ISDR 571	564	7	0	0		176.94	49.54		FN0046/46	1			
		MON. TROUGHS AND DRIFTS														
22E073/317	12:59:02	SINGLE	115.0/135.0	-30	.12	1/3	1	3	REC/UH	16K	-31	172.6/21.7	44/-19	207/18:57:02	00:38.0	
		BLU	ISDR 171	168	3	0	0		87.87	45.53		FN0047/01	1			
		MON. TROUGHS AND DRIFTS														
22E074/317	13:01:02	SINGLE	115.0/135.0	-30	.12	2/3	1	3	REC/UH	16K	-29	173.1/21.8	45/-19	207/18:59:02	00:38.0	
		GRN	ISDR 176	168	8	0	0		102.84	42.86		FN0047/02	1			
		MON. TROUGHS AND DRIFTS														
22E075/317	13:03:02	SINGLE	115.0/135.0	-30	.12	3/3	1	3	REC/UH	16K	-29	173.6/21.8	45/-19	207/19:01:02	00:38.0	
		RED	ISDR 174	168	6	0	0		132.51	35.84		FN0047/03	1			
		MON. TROUGHS AND DRIFTS														
22E076/317	13:19:02	SINGLE	220.0/245.0	10	.12	4/3	1	1	REC/UH	16K	-29	177.5/22.0	49/-20	207/19:17:02	00:46.9	
		SUN	ISDR 215	209	6	0	0		69.08	2.17		FN0047/04	1			
		OPTICAL DEPTH														
22E077/317	13:29:02	SINGLE	135.0/152.5	-30	.12	1/3	1	2	REC/UH	16K	-27	180.0/22.0	52/-20	207/19:27:02	00:33.6	
		BLU	ISDR 153	147	6	0	0		132.74	41.69		FN0047/05	1			
		MON. TROUGHS AND DRIFTS														
22E078/317	13:31:02	SINGLE	135.0/152.5	-30	.12	2/3	1	2	REC/UH	16K	-27	180.5/22.0	52/-20	207/19:29:02	00:33.6	
		GRN	ISDR 155	147	8	0	0		160.74	47.16		FN0047/06	1			
		MON. TROUGHS AND DRIFTS														
22E079/317	13:33:02	SINGLE	135.0/152.5	-30	.12	3/3	1	2	REC/UH	16K	-27	181.0/22.0	52/-20	207/19:31:02	00:33.6	
		RED	ISDR 155	147	8	0	0		178.89	38.06		FN0047/07	1			
		MON. TROUGHS AND DRIFTS														
21E080/317	14:29:02	SINGLE	212.5/235.0	-10	.04	5/2	1	2	REC/UH	16K	-23	194.6/20.8	242/-21	207/20:27:02	02:02.5	
		BB4	ISDR 573	564	9	0	0		194.11	34.18		FN0047/08	1			
		MON. TROUGHS AND DRIFTS														
21E081/318	05:06:09	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-29	79.7/-36	128/ 44	208/11:43:43	00:15.0	
		BB1	ISDR 70	43	27	0	0		87.32	42.38		FN0047/09	1			
		SCAN VER - CAM 1														
22E082/318	05:29:44	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-37	84.3/-32	318/ 40	208/12:07:19	00:15.0	
		BB1	ISDR 70	43	27	0	0		59.10	21.61		FN0047/10	1			
		SCAN VER - CAM 2														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21E083/329	06:51:09	IR	235.0/260.0	10	.12	9/1	1	0	RT/UH	16K	-27	96.9/-18	148/ 26	219/20:44:12	02:13.0	
		IR3	ISDR	207	0	0	2	1	129.34	7.78		FN0047/11	1			
		IR2	ISDR	207	0	0	2	1	118.73	10.18		FN0047/12	1			
		IR1	ISDR	206	0	0	3	1	126.11	7.64		FN0047/13	1			
		MON. TROUGHS AND DRIFTS														
22E084/329	07:16:43	COLOR	115.0/135.0	10	.12	1/1	1	0	RT/UH	16K	-33	101.4/-14	336/ 22	219/21:09:46	01:46.0	
		BLU	ISDR	165	0	0	3	1	141.67	13.16		FN0047/14	1			
		GRN	ISDR	164	0	0	4	1	145.29	12.71		FN0047/15	1			
		RED	ISDR	164	0	0	4	1	154.68	8.02		FN0047/16	1			
		MON. TROUGHS AND DRIFTS														
22E085/329	10:59:03	COLOR	302.5/310.0	-10	.12	1/1	1	2	REC/UH	16K	-31	143.1/16.0	16/-10	220/00:52:05	00:42.5	
		BLU	ISDR	65	65	1	0	0	94.04	41.04		FN0047/17	1			
		GRN	ISDR	64	65	1	1	1	105.69	41.88		FN0047/18	1			
		RED	ISDR	64	65	1	1	1	133.07	44.83		FN0047/19	1			
		MONITOR RTCC #2, CLR														
22E086/329	11:02:03	SINGLE	297.5/297.5	-30	.04	14/2	1	2	REC/UH	16K	-31	143.7/16.3	17/-10	220/00:55:05	00:13.5	R
		SURV	ISDR	62	1	61	0	0	91.91	13.44		FN0047/20	1			
		SURV. RESCAN, GRID, HR														
22E087/329	11:29:03	SINGLE	182.5/207.5	10	.12	4/3	1	0	REC/UH	16K	-29	271.2/26.3	145/-34	220/01:22:05	00:46.9	
		SUN	ISDR	217	209	8	0	0	140.42	4.48		FN0047/21	1			
		AM SUN DIODE														
22E088/329	12:10:59	SINGLE	102.5/127.5	-30	.12	1/3	1	3	REC/UH	16K	-27	278.5/19.5	153/-27	220/02:04:01	00:46.9	
		BLU	ISDR	217	209	8	0	0	88.50	46.55		FN0047/22	1			
		MON BADGER / BONNEVILLE														
22E089/329	12:13:29	SINGLE	102.5/127.5	-30	.12	2/3	1	3	REC/UH	16K	-27	278.9/19.1	154/-27	220/02:06:31	00:46.9	
		GRN	ISDR	217	209	8	0	0	101.17	39.76		FN0047/23	1			
		MON BADGER / BONNEVILLE														
22E090/329	12:15:59	SINGLE	102.5/127.5	-30	.12	3/3	1	3	REC/UH	16K	-27	279.4/18.7	154/-26	220/02:09:01	00:46.9	
		RED	ISDR	217	209	8	0	0	133.68	35.00		FN0047/24	1			
		MON BADGER / BONNEVILLE														
22E091/329	12:44:03	SINGLE	55.0/ 75.0	-10	.04	5/2	1	3	REC/UH	16K	-25	284.1/14.2	159/-22	220/02:37:05	01:49.2	
		BB4	ISDR	509	501	8	0	0	157.14	37.15		FN0047/25	1			
		MON TROUGHS / DRIFTS														
22E092/329	13:13:59	IR	302.5/317.5	-10	.12	9/1	1	2	REC/UH	16K	-25	289.3/ 9.5	164/-17	220/03:07:01	01:22.5	
		IR3	ISDR	128	127	2	0	0	138.99	44.51		FN0047/26	1			
		IR2	ISDR	127	127	2	1	1	136.04	44.97		FN0047/27	1			
		IR1	ISDR	127	127	2	1	1	148.00	42.65		FN0047/28	1			
		MON RTC #2														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22E093/329	13:19:03	SINGLE	220.0/245.0	10	.12	4/3	1	1	REC/UH	16K	-25	290.1/ 8.7	165/-16	220/03:12:05	00:46.9	
		SUN	ISDR	217	209	8	0	0	69.54	2.11		FN0047/29	1			
		PM SUN DIODE														
21E094/329	13:44:03	SINGLE	260.0/280.0	-20	.04	5/2	1	3	REC/UH	16K	-21	294.4/ 5.0	346/-12	220/03:37:05	01:49.2	
		BB4	ISDR	504	501	3	0	0	154.76	30.96		FN0047/30	1			
		MON TROUGHS / DRIFTS														
22E095/329	13:59:03	SINGLE	35.0/ 55.0	-10	.04	5/2	1	3	REC/UH	16K	-23	297.1/ 2.8	172/-10	220/03:52:05	01:49.2	
		BB4	ISDR	507	501	6	0	0	160.85	35.03		FN0047/31	1			
		MON TROUGHS / DRIFTS														
22E096/329	14:08:59	SINGLE	102.5/127.5	-30	.12	9/3	1	3	REC/UH	16K	-23	298.8/ 1.3	174/- 9	220/04:02:01	00:46.9	
		IR3	ISDR	215	209	6	0	0	103.16	29.85		FN0047/32	1			
		MON BADGER / BONNEVILLE														
22E097/329	14:11:29	SINGLE	102.5/127.5	-30	.12	10/3	1	3	REC/UH	16K	-23	299.3/ 1.0	174/- 8	220/04:04:31	00:46.9	
		IR2	ISDR	219	209	10	0	0	100.23	29.63		FN0047/33	1			
		MON BADGER / BONNEVILLE														
22E098/329	14:13:59	SINGLE	102.5/127.5	-30	.12	11/3	1	3	REC/UH	16K	-23	299.7/ .6	175/- 8	220/04:07:01	00:46.9	
		IR1	ISDR	217	209	8	0	0	119.64	33.98		FN0047/34	1			
		MON BADGER / BONNEVILLE														
21E099/329	14:44:03	SINGLE	280.0/300.0	-20	.04	5/2	1	3	REC/UH	16K	-19	305.2/- 3	356/- 3	220/04:37:05	01:49.2	
		BB4	ISDR	509	501	8	0	0	137.26	29.65		FN0047/35	1			
		MON TROUGHS / DRIFTS														
21E100/330	04:45:05	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-25	134.2/55.1	179/-48	220/19:17:43	00:15.0	
		BB1	ISDR	70	43	27	0	0	86.96	42.09		FN0047/36	1			
		SCAN VER - CAM 1														
22E101/330	05:08:41	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-31	142.8/57.6	10/-51	220/19:41:18	00:15.0	
		BB1	ISDR	70	43	27	0	0	60.58	25.17		FN0047/37	1			
		SCAN VER - CAM 2														
21E102/341	06:22:46	COLOR	260.0/285.0	10	.12	1/1	1	0	RT/UH	16K	-29	176.8/60.5	214/-58	232/04:10:51	02:13.0	
		BLU	ISDR	207	0	0	2	1	127.01	14.64		FN0047/38	1			
		GRN	ISDR	207	0	0	2	1	128.67	14.29		FN0047/39	1			
		RED	ISDR	206	0	0	3	1	142.54	7.82		FN0047/40	1			
		MON TROUGHS / DRIFTS														
22E103/341	06:48:19	IR	275.0/295.0	10	.12	9/1	1	0	RT/UH	16K	-35	188.7/60.3	49/-59	232/04:36:25	01:46.0	
		IR3	ISDR	165	0	0	3	1	146.05	10.79		FN0047/41	1			
		IR2	ISDR	164	0	0	4	1	135.67	10.75		FN0047/42	1			
		IR1	ISDR	164	0	0	4	1	138.82	8.48		FN0047/43	1			
		MON TROUGHS / DRIFTS														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21E104/341	10:59:03	COLOR	72.5/ 80.0	0	.12	1/1	1	2	REC/UH	16K	-25	264.7/29.8	314/-37	232/08:47:09	00:42.5	
		BLU	ISDR 65	65	1	0	0		134.30	45.52		FN0047/44	1			
		GRN	ISDR 63	65	1	2	2		145.05	42.56		FN0047/45	1			
		RED	ISDR 63	65	1	2	2		152.93	39.58		FN0047/46	1			
		HGA														
21E105/341	10:59:46	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-25	264.8/29.6	314/-37	232/08:47:52	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0047/47	1			
		CALIBRATION FRAME														
21E106/341	11:29:03	SINGLE	10.0/ 35.0	10	.12	4/3	1	0	REC/UH	16K	-23	270.2/24.9	320/-33	232/09:17:09	00:46.9	
		SUN	ISDR 217	209	8	0	0		126.74	5.43		FN0047/48	1			
		AM SUN DIODE														
21E107/341	12:03:59	COLOR	32.5/ 57.5	-20	.12	1/1	1	2	REC/UH	16K	-21	276.4/19.2	327/-27	232/09:52:05	02:15.8	
		BLU	ISDR 211	210	2	0	0		137.16	43.64		FN0048/01	1			
		GRN	ISDR 210	210	2	1	1		146.02	40.11		FN0048/02	1			
		RED	ISDR 210	210	2	1	1		151.52	36.89		FN0048/03	1			
		MON RTC #1														
21E108/341	12:06:15	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-19	276.8/18.8	327/-27	232/09:54:21	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0048/04	1			
		CALIBRATION FRAME														
21E109/341	12:14:03	IR	32.5/ 45.0	-10	.12	9/1	1	2	REC/UH	16K	-19	278.2/17.5	329/-25	232/10:02:09	01:09.2	
		IR3	ISDR 106	106	1	0	0		132.04	36.82		FN0048/05	1			
		IR2	ISDR 106	106	1	0	0		132.38	37.11		FN0048/06	1			
		IR1	ISDR 106	106	1	0	0		148.05	37.82		FN0048/07	1			
		MON RTC #1														
22E110/341	12:31:03	SINGLE	100.0/100.0	-10	.04	14/2	1	3	REC/UH	16K	-19	281.1/14.8	156/-23	232/10:19:09	00:13.5	R
		SURV	ISDR 60	1	59	0	0		162.38	47.92		FN0048/08	1			
		SURFACE RESCAN														
22E111/341	12:34:03	SINGLE	110.0/130.0	-10	.04	5/2	1	3	REC/UH	16K	-27	281.6/14.3	157/-22	232/10:22:09	01:49.2	
		BB4	ISDR 509	501	8	0	0		152.45	54.82		FN0048/09	1			
		MON TROUGHS / DRIFTS														
21E112/341	12:44:03	SINGLE	235.0/257.5	-10	.04	5/2	1	3	REC/UH	16K	-17	283.3/12.7	334/-20	232/10:32:09	02:02.5	
		BB4	ISDR 571	564	7	0	0		187.84	41.21		FN0048/10	1			
		MON TROUGHS / DRIFTS														
21E113/341	12:58:59	SINGLE	210.0/230.0	-20	.12	1/3	1	3	REC/UH	16K	-17	285.9/10.4	337/-18	232/10:47:05	00:38.0	
		BLU	ISDR 173	168	5	0	0		124.56	66.80		FN0048/11	1			
		MON NOTCH / SPALLING														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS	AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS						
21E114/341	13:00:59	SINGLE	210.0/230.0	-20	.12	2/3	1	3	REC/UH	16K	-17	286.2/10.1	337/-18	232/10:49:05	00:38.0	
		GRN	ISDR 174	168	6	0	0		116.38	56.07		FN0048/12	1			
		MON NOTCH / SPALLING														
21E115/341	13:02:59	SINGLE	210.0/230.0	-20	.12	3/3	1	3	REC/UH	16K	-17	286.6/ 9.8	338/-17	232/10:51:05	00:38.0	
		RED	ISDR 174	168	6	0	0		119.61	48.10		FN0048/13	1			
		MON NOTCH / SPALLING														
22E116/341	13:19:03	SINGLE	220.0/245.0	10	.12	4/3	1	1	REC/UH	16K	-25	289.4/ 7.3	164/-15	232/11:07:09	00:46.9	
		SUN	ISDR 217	209	8	0	0		69.40	5.83		FN0048/14	1			
		PM SUN DIODE														
21E117/341	13:28:59	SINGLE	210.0/227.5	-20	.12	9/3	1	3	REC/UH	16K	-15	178.4/26.2	225/-24	232/11:17:05	00:33.6	
		IR3	ISDR 153	147	6	0	0		129.57	58.16		FN0048/15	1			
		MON NOTCH / SPALLING														
21E118/341	13:30:59	SINGLE	210.0/227.5	-20	.12	10/3	1	3	REC/UH	16K	-15	178.9/26.2	226/-24	232/11:19:05	00:33.6	
		IR2	ISDR 155	147	8	0	0		130.84	58.71		FN0048/16	1			
		MON NOTCH / SPALLING														
21E119/341	13:32:59	SINGLE	210.0/227.5	-20	.12	11/3	1	3	REC/UH	16K	-15	179.4/26.2	226/-24	232/11:21:05	00:33.6	
		IR1	ISDR 155	147	8	0	0		144.19	64.81		FN0048/17	1			
		MON NOTCH / SPALLING														
21E120/341	14:29:03	SINGLE	212.5/235.0	-10	.04	5/2	1	3	REC/UH	16K	-15	194.0/25.2	241/-25	232/12:17:09	02:02.5	
		BB4	ISDR 573	564	9	0	0		195.14	38.80		FN0048/18	1			
		MON TROUGHS / DRIFTS														
21E121/342	04:24:24	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-29	65.6/-40	112/ 47	233/02:52:05	00:15.0	
		BB1	ISDR 70	43	27	0	0		87.15	42.22		FN0048/19	1			
		SCAN VER														
22E122/342	04:48:00	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-35	71.0/-37	302/ 44	233/03:15:41	00:15.0	
		BB1	ISDR 70	43	27	0	0		61.78	29.14		FN0048/20	1			
		SCAN VER														
21E123/353	05:36:12	IR	235.0/260.0	10	.12	9/1	1	0	RT/UH	16K	-33	79.0/-27	128/ 35	244/11:19:21	02:13.0	
		IR3	ISDR 207	0	0	2	1		130.94	7.95		FN0048/21	1			
		IR2	ISDR 206	0	0	3	2		121.25	10.14		FN0048/22	1			
		IR1	ISDR 205	0	0	4	2		123.59	8.67		FN0048/23	1			
		MON TROUGHS / DRIFTS														
22E124/353	06:01:46	COLOR	115.0/135.0	10	.12	1/1	1	0	RT/UH	16K	-39	83.9/-23	318/ 31	244/11:44:54	01:46.0	
		BLU	ISDR 165	0	0	3	1		140.36	11.88		FN0048/24	1			
		GRN	ISDR 164	0	0	4	1		143.34	12.85		FN0048/25	1			
		RED	ISDR 164	0	0	4	1		155.72	8.42		FN0048/26	1			
		MON TROUGHS / DRIFTS														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22E125/353	10:59:04	COLOR	302.5/310.0	-10	.12	1/1	1	2	REC/UH	16K	-35	140.2/19.8	13/-13	244/16:42:12	00:42.5	
		BLU	ISDR	65	65	1	0	0	117.21	57.57		FN0048/27	1			
		GRN	ISDR	64	65	1	1	1	122.70	51.94		FN0048/28	1			
		RED	ISDR	64	65	1	1	1	136.88	42.08		FN0048/29	1			
		MON RTC #2														
22E126/353	11:02:04	SINGLE	297.5/297.5	-30	.04	14/2	1	2	REC/UH	16K	-35	140.9/20.1	14/-14	244/16:45:12	00:13.5	R
		SURV	ISDR	60	1	59	0	0	92.41	15.00		FN0048/30	1			
		SURF, RESCAN, GRID														
22E127/353	11:29:04	SINGLE	182.5/207.5	10	.12	4/3	1	0	REC/UH	16K	-33	147.1/22.7	20/-17	244/17:12:12	00:46.9	
		SUN	ISDR	217	209	8	0	0	140.82	5.18		FN0048/31	1			
		AM SUN DIODE														
22E128/353	12:11:00	SINGLE	102.5/127.5	-30	.12	1/3	1	3	REC/UH	16K	-31	157.5/25.8	29/-21	244/17:54:08	00:46.9	
		BLU	ISDR	217	209	8	0	0	112.50	42.85		FN0048/32	1			
		MON BADGER / BONNEVILLE														
22E129/353	12:13:30	SINGLE	102.5/127.5	-30	.12	2/3	1	3	REC/UH	16K	-31	158.1/26.0	30/-21	244/17:56:38	00:46.9	
		GRN	ISDR	217	209	8	0	0	133.14	46.91		FN0048/33	1			
		MON BADGER / BONNEVILLE														
22E130/353	12:16:00	SINGLE	102.5/127.5	-30	.12	3/3	1	3	REC/UH	16K	-29	158.7/26.2	30/-22	244/17:59:08	00:46.9	
		RED	ISDR	217	209	8	0	0	160.17	49.15		FN0048/34	1			
		MON BADGER / BONNEVILLE														
22E131/353	12:44:04	SINGLE	55.0/ 75.0	-10	.04	5/2	1	3	REC/UH	16K	-27	166.0/27.5	37/-24	244/18:27:12	01:49.2	
		BB4	ISDR	506	501	8	3	3	184.87	43.12		FN0048/35	1			
		MON TROUGHS / DRIFTS														
22E132/353	13:13:59	IR	302.5/317.5	-10	.12	9/1	1	2	REC/UH	16K	-25	174.0/28.4	45/-26	244/18:57:08	01:22.5	
		IR3	ISDR	127	127	1	0	0	160.42	47.80		FN0048/36	1			
		IR2	ISDR	127	127	1	0	0	157.12	48.39		FN0048/37	1			
		IR1	ISDR	126	127	1	1	1	159.90	46.85		FN0048/38	1			
		MON RTC #2														
22E133/353	13:19:03	SINGLE	220.0/245.0	10	.12	4/3	1	1	REC/UH	16K	-25	175.3/28.5	46/-26	244/19:02:12	00:46.9	
		SUN	ISDR	217	209	8	0	0	66.67	4.96		FN0048/39	1			
		PM SUN DIODE														
21E134/353	13:44:03	SINGLE	260.0/280.0	-20	.04	5/2	1	3	REC/UH	16K	-19	182.1/28.6	228/-27	244/19:27:12	01:49.2	
		BB4	ISDR	506	501	5	0	0	185.19	45.41		FN0048/40	1			
		MON TROUGHS / DRIFTS														
22E135/353	13:59:03	SINGLE	35.0/ 55.0	-10	.04	5/2	1	3	REC/UH	16K	-23	186.1/28.4	56/-27	244/19:42:12	01:49.2	
		BB4	ISDR	506	501	6	1	1	187.82	38.73		FN0048/41	1			
		MON TROUGHS / DRIFTS														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22E136/353	14:08:59	SINGLE	102.5/127.5	-30	.12	9/3	1	3	REC/UH	16K	-21	188.8/28.2	59/-28	244/19:52:08	00:46.9	
		IR3	ISDR	219	209	10	0	0	137.11	48.43		FN0048/42	1			
		MON BADGER / BONNEVILLE														
22E137/353	14:11:29	SINGLE	102.5/127.5	-30	.12	10/3	1	3	REC/UH	16K	-21	189.4/28.1	60/-28	244/19:54:38	00:46.9	
		IR2	ISDR	217	209	8	0	0	131.71	47.50		FN0048/43	1			
		MON BADGER / BONNEVILLE														
22E138/353	14:13:59	SINGLE	102.5/127.5	-30	.12	11/3	1	3	REC/UH	16K	-21	190.1/28.0	60/-28	244/19:57:08	00:46.9	
		IR1	ISDR	219	209	10	0	0	157.59	54.22		FN0048/44	1			
		MON BADGER / BONNEVILLE														
21E139/353	14:44:03	SINGLE	280.0/300.0	-20	.04	5/2	1	3	REC/UH	16K	-17	198.0/26.9	244/-28	244/20:27:12	01:49.2	
		BB4	ISDR	509	501	8	0	0	188.93	43.31		FN0048/45	1			
		MON TROUGHS / DRIFTS														
21E140/354	03:58:41	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-29	56.9/-42	102/ 48	245/10:21:25	00:15.0	
		BB1	ISDR	70	43	27	0	0	86.19	41.51		FN0048/46	1			
		SCAN VER														
22E141/354	04:22:16	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-29	62.9/-39	293/ 45	245/10:45:00	00:15.0	
		BB1	SDR	46	314	3	0	0	126.49	60.36		FN0049/01	1			
		SCAN VER														
21E142/365	05:10:26	COLOR	260.0/285.0	10	.12	1/1	1	0	RT/UH	16K	-29	71.9/-30	120/ 37	256/18:48:37	02:13.0	
		BLU	ISDR	207	0	0	2	1	127.32	13.83		FN0049/02	1			
		GRN	ISDR	207	0	0	2	1	129.32	13.77		FN0049/03	1			
		RED	ISDR	206	0	0	3	1	141.70	6.82		FN0049/04	1			
		MON TROUGHS / DRIFTS														
22E143/365	05:35:59	IR	275.0/295.0	10	.12	9/1	1	0	RT/UH	16K	-33	77.1/-26	310/ 33	256/19:14:11	01:46.0	
		IR3	ISDR	165	0	0	3	1	145.03	9.37		FN0049/05	1			
		IR2	ISDR	164	0	0	4	1	133.47	11.01		FN0049/06	1			
		IR1	ISDR	164	0	0	4	1	138.36	6.82		FN0049/07	1			
		MON TROUGHS / DRIFTS														
21E144/365	10:59:01	COLOR	72.5/ 80.0	0	.12	1/1	1	2	REC/UH	16K	-27	139.0/22.0	188/-15	257/00:37:12	00:42.5	
		BLU	SDR	65	65	1	0	0	144.38	48.36		FN0049/08	1			
		GRN	SDR	64	65	1	1	1	155.04	46.74		FN0049/09	1			
		RED	SDR	64	65	1	1	1	157.52	38.93		FN0049/10	1			
		HGA														
21E145/365	10:58:43	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-27	138.9/22.0	188/-15	257/00:36:54	00:18.0	
		CAL	SDR	84	0	0	0	0	.00	.00		FN0049/11	1			
		CALIBRATION FRAME														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21E146/365	11:29:04	SINGLE	10.0/ 35.0	10	.12	4/3	1	0	REC/UH	16K	-25	146.1/25.0	194/-19	257/01:07:16	00:46.9	
		SUN	SDR 217	209	8	0	0		126.24	5.00		FN0049/12	1			
		AM SUN DIODE														
21E147/365	12:04:00	COLOR	32.5/ 57.5	-20	.12	1/1	1	2	REC/UH	16K	-23	154.9/27.8	202/-23	257/01:42:12	02:15.8	
		BLU	SDR 211	210	2	0	0		142.45	43.95		FN0049/13	1			
		GRN	SDR 210	210	2	1	1		152.03	40.08		FN0049/14	1			
		RED	SDR 210	210	2	1	1		157.40	37.10		FN0049/15	1			
		MON RTC #1														
21E148/365	12:03:42	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-23	154.8/27.8	202/-23	257/01:41:54	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0049/16	1			
		CALIBRATION FRAME														
21E149/365	12:14:04	IR	32.5/ 45.0	-10	.12	9/1	1	2	REC/UH	16K	-23	157.5/28.5	205/-24	257/01:52:16	01:09.2	
		IR3	SDR 107	106	2	0	0		135.11	37.06		FN0049/17	1			
		IR2	SDR 106	106	2	1	1		135.20	37.05		FN0049/18	1			
		IR1	SDR 106	106	2	1	1		152.75	38.76		FN0049/19	1			
		MON RTC #1														
22E150/365	12:31:04	SINGLE	100.0/100.0	-10	.04	14/2	1	3	REC/UH	16K	-23	162.0/29.4	33/-25	257/02:09:15	00:13.5	R
		SURV	SDR 61	1	60	0	0		168.65	47.67		FN0049/20	1			
		SURFACE RESCAN														
22E151/365	12:34:04	SINGLE	110.0/130.0	-10	.04	5/2	1	3	REC/UH	16K	-27	162.8/29.6	34/-25	257/02:12:15	01:49.2	
		BB4	ISDR 504	501	8	5	2		150.30	57.25		FN0049/21	1			
		MON TROUGHS / DRIFTS														
21E152/365	12:44:04	SINGLE	235.0/257.5	-10	.04	5/2	1	3	REC/UH	16K	-21	165.5/30.0	212/-26	257/02:22:15	02:02.5	
		BB4	ISDR 577	564	19	6	3		172.63	52.06		FN0049/22	1			
		MON TROUGHS / DRIFTS														
21E153/365	12:59:00	SINGLE	210.0/230.0	-20	.12	1/3	1	3	REC/UH	16K	-19	169.6/30.5	216/-27	257/02:37:11	00:38.0	
		BLU	SDR 171	168	3	0	0		151.99	60.52		FN0049/23	1			
		MON NOTCH / SPALLING														
21E154/365	13:01:00	SINGLE	210.0/230.0	-20	.12	2/3	1	3	REC/UH	16K	-19	170.2/30.6	217/-27	257/02:39:11	00:38.0	
		GRN	SDR 176	168	8	0	0		140.81	60.04		FN0049/24	1			
		MON NOTCH / SPALLING														
21E155/365	13:03:00	SINGLE	210.0/230.0	-20	.12	3/3	1	3	REC/UH	16K	-19	170.7/30.6	217/-28	257/02:41:11	00:38.0	
		RED	SDR 156	0	0	12	1		141.36	52.16		FN0049/25	1			
		MON NOTCH / SPALLING														
22E156/365	13:19:04	SINGLE	220.0/245.0	10	.12	4/3	1	1	REC/UH	16K	-25	175.2/31.0	45/-28	257/02:57:15	00:46.9	
		SUN	ISDR 204	209	6	11	2		81.15	37.27		FN0049/26	1			
		PM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21E157/365	13:29:00	SINGLE	210.0/227.5	-20	.12	9/3	1	3	REC/UH	16K	-19	177.9/31.1	224/-29	257/03:07:11	00:33.6	
		IR3	ISDR	133	147	29	43	2		133.58	60.24	FN0049/27	1			
		MON NOTCH / SPALLING														
21E158/365	13:31:00	SINGLE	210.0/227.5	-20	.12	10/3	1	3	REC/UH	16K	-17	178.5/31.1	225/-29	257/03:09:11	00:33.6	
		IR2	ISDR	95	147	8	60	4		135.74	60.39	FN0049/28	1			
		MON NOTCH / SPALLING														
21E159/365	13:33:00	SINGLE	210.0/227.5	-20	.12	11/3	1	3	REC/UH	16K	-17	179.1/31.1	225/-29	257/03:11:11	00:33.6	
		IR1	ISDR	129	0	0	18	2		137.76	57.34	FN0049/29	1			
		MON NOTCH / SPALLING														
21E160/365	14:29:04	SINGLE	212.5/235.0	-10	.04	5/2	1	3	REC/UH	16K	-17	194.6/30.0	240/-30	257/04:07:15	02:02.5	
		BB4	SDR	571	564	7	0	0		195.23	38.83	FN0049/30	1			
		MON TROUGHS / DRIFTS														
21E161/366	03:05:13	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-31	39.8/-46	82/ 50	257/17:23:00	00:15.0	
		BB1	SDR	70	43	27	0	0		85.22	41.21	FN0049/31	1			
		SCAN VER														
22E162/366	03:28:49	SINGLE	.0/ 5.0	0	.12	8/3	1	4	RT/UH	16K	-37	46.9/-44	275/ 48	257/17:46:36	00:15.0	
		BB1	ISDR	70	43	27	0	0		73.14	45.71	FN0049/32	1			
		SCAN VER														
21E163/377	04:44:52	IR	235.0/260.0	10	.12	9/1	1	0	RT/UH	16K	-23	64.7/-31	112/ 38	269/02:18:06	02:13.0	
		IR3	SDR	207	0	0	2	1		129.46	8.29	FN0049/33	1			
		IR2	SDR	206	0	0	3	2		120.15	9.74	FN0049/34	1			
		IR1	SDR	205	0	0	4	2		127.65	8.18	FN0049/35	1			
		RADIO SCIENCE														
22E164/377	05:10:03	COLOR	115.0/135.0	10	.12	1/1	1	0	RT/UH	16K	-29	70.1/-28	302/ 35	269/02:43:17	01:46.0	
		BLU	SDR	162	0	0	6	4		144.37	11.28	FN0049/36	1			
		GRN	SDR	162	0	0	6	3		140.89	12.95	FN0049/37	1			
		RED	SDR	163	0	0	5	2		155.59	7.78	FN0049/38	1			
		RADIO SCIENCE														
21E165/377	06:47:20	COLOR	320.0/320.0	10	.12	1/1	1	0	REC/UH	250	-29	88.8/-12	139/ 20	269/04:20:35	25:01.2	R
		BLU	ISDR	34	2	34	1	1		135.68	4.12	FN0049/39	1			
		GRN	ISDR	35	2	34	0	0		135.71	3.53	FN0049/40	1			
		RED	ISDR	35	2	34	0	0		135.02	2.42	FN0049/41	1			
		AM TWILIGHT RESCAN														
21E166/377	07:14:36	COLOR	325.0/325.0	10	.12	1/1	1	1	REC/UH	250	-23	93.7/- 8	144/ 16	269/04:47:51	25:01.2	R
		BLU	ISDR	34	2	34	1	1		73.54	8.20	FN0049/42	1			
		GRN	ISDR	35	2	34	0	0		72.21	6.62	FN0049/43	1			
		RED	ISDR	35	2	34	0	0		70.60	4.84	FN0049/44	1			
		AM TWILIGHT RESCAN														

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VL-2 CAMERA EVENT REPORT

CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21E167/377 07:41:52	COLOR	330.0/330.0		10 .12	1/1	1	3	REC/UH	250	-21	98.6/- 3	149/ 11	269/05:15:07	25:01.2	R
	BLU	ISDR	34	2 34	1	1		43.68	19.60		FN0049/45	1			
	GRN	ISDR	35	2 34	0	0		39.65	15.71		FN0049/46	1			
	RED	ISDR	35	2 34	0	0		32.75	9.97		FN0049/47	1			
	AM TWILIGHT RESCAN														
22E168/377 11:01:43	SINGLE	190.0/192.5		20 .04	4/2	1	1	REC/UH	16K	-25	138.6/24.7	11/-18	269/08:34:58	00:14.5	
	SUN	SDR	65	64 1	0	0		67.26	2.83		FN0049/48	1			
	AM SUN DIODE														
22E169/377 12:31:34	COLOR	285.0/310.0		-10 .12	1/1	1	4	REC/UH	16K	-23	161.8/32.0	32/-28	269/10:04:49	02:14.5	
	BLU	SDR	208	0 0	1	1		64.33	51.95		FN0049/49	1			
	GRN	SDR	208	0 0	1	1		69.18	54.58		FN0049/50	1			
	RED	SDR	208	0 0	1	1		79.39	53.00		FN0049/51	1			
	GRID AND RTC														
22E170/377 16:11:44	SINGLE	272.5/275.0		30 .04	4/2	1	2	REC/UH	16K	-15	222.1/24.4	93/-28	269/13:44:59	00:14.5	
	SUN	SDR	65	64 1	0	0		31.15	2.27		FN0050/01	1			
	PM SUN DIODE														
21E171/377 19:02:09	COLOR	127.5/127.5		10 .12	1/1	1	3	REC/UH	250	-15	256.6/ .7	307/- 8	269/16:35:23	25:01.2	R
	GRN	ISDR	35	2 34	0	0		40.57	18.98		FN0050/03	1			
	RED	ISDR	35	2 34	0	0		34.12	12.34		FN0050/04	1			
	BLU	ISDR	34	2 34	1	1		44.88	23.89		FN0050/02	1			
	PM TWILIGHT RESCAN														
21E172/377 19:29:25	COLOR	132.5/132.5		10 .12	1/1	1	1	REC/UH	250	-17	261.5/- 3	312/- 4	269/17:02:39	25:01.2	R
	BLU	ISDR	35	2 34	0	0		85.35	24.42		FN0050/05	1			
	GRN	ISDR	35	2 34	0	0		82.43	18.55		FN0050/06	1			
	RED	ISDR	35	2 34	0	0		77.62	11.91		FN0050/07	1			
	PM TWILIGHT RESCAN														
21E173/377 19:56:41	COLOR	137.5/137.5		10 .12	1/1	1	0	REC/UH	250	-15	266.4/- 8	317/	269/17:29:55	25:01.2	R
	BLU	ISDR	34	2 34	1	1		138.33	9.18		FN0050/08	1			
	GRN	ISDR	35	2 34	0	0		137.21	6.94		FN0050/09	1			
	RED	ISDR	35	2 34	0	0		136.32	4.20		FN0050/10	1			
	PM TWILIGHT RESCAN														
22E174/378 11:02:10	SINGLE	190.0/192.5		20 .04	4/2	1	1	REC/UH	16K	-33	138.6/25.0	11/-18	270/09:15:00	00:14.5	
	SUN	SDR	65	64 1	0	0		65.40	3.52		FN0050/11	1			
	AM SUN DIODE														
22E175/378 11:07:10	SINGLE	60.0/ 97.5		-10 .04	5/2	1	4	REC/UH	16K	-33	139.8/25.5	12/-19	270/09:20:00	03:21.2	
	BB4	SDR	940	939 1	0	0		68.48	24.21		FN0050/12	2			
	SURFACE MONITOR														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22E176/378	16:12:10	SINGLE	272.5/275.0	30	.04	4/2	1	2	REC/UH	16K	-19	222.3/24.5	94/-29	270/14:24:59	00:14.5	
		SUN	SDR 62	0	0	2	1		31.03	.60		FN0050/13	1			
		PM SUN DIODE														
22E177/379	11:02:34	SINGLE	190.0/192.5	20	.04	4/2	1	1	REC/UH	16K	-29	138.6/25.2	11/-18	271/09:54:59	00:14.5	
		SUN	SDR 65	64	1	0	0		66.98	2.96		FN0050/14	1			
		AM SUN DIODE														
21E178/379	12:00:01	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-23	153.1/30.5	200/-25	271/10:52:26	00:10.1	
		BB1	SDR 44	43	1	0	0		58.44	38.26		FN0050/15	1			
		SCAN VER														
21E179/379	11:59:43	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-23	153.1/30.5	200/-25	271/10:52:08	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0050/16	1			
		CALIBRATION FRAME														
22E180/379	12:02:01	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-27	153.7/30.6	25/-25	271/10:54:26	00:10.1	
		BB1	SDR 44	43	1	0	0		53.54	24.53		FN0050/17	1			
		SCAN VER														
22E181/379	12:01:43	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-27	153.6/30.6	25/-25	271/10:54:08	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0050/18	1			
		CALIBRATION FRAME														
22E182/379	16:07:34	SINGLE	272.5/275.0	30	.04	4/2	1	2	REC/UH	16K	-21	221.4/25.2	92/-29	271/14:59:59	00:14.5	
		SUN	SDR 65	64	1	0	0		31.07	1.27		FN0050/19	1			
		PM SUN DIODE														
22E183/380	10:48:04	SINGLE	187.5/190.0	20	.04	4/2	1	1	REC/UH	16K	-29	135.2/23.8	8/-17	272/10:20:04	00:14.5	
		SUN	SDR 65	64	1	0	0		67.43	3.79		FN0050/20	1			
		AM SUN DIODE														
22E184/380	16:08:04	SINGLE	272.5/275.0	30	.04	4/2	1	2	REC/UH	16K	-21	221.6/25.4	93/-29	272/15:40:04	00:14.5	
		SUN	SDR 65	64	1	0	0		31.09	1.64		FN0050/21	1			
		PM SUN DIODE														
22E185/381	10:48:27	SINGLE	187.5/190.0	20	.04	4/2	1	1	REC/UH	16K	-31	135.2/24.1	8/-17	273/11:00:03	00:14.5	
		SUN	SDR 65	64	1	0	0		68.06	5.67		FN0050/22	1			
		AM SUN DIODE														
22E186/381	16:08:28	SINGLE	272.5/275.0	30	.04	4/2	1	2	REC/UH	16K	-21	221.9/25.5	93/-29	273/16:20:04	00:14.5	
		SUN	SDR 62	0	0	2	1		31.10	1.78		FN0050/23	1			
		PM SUN DIODE														
21E187/382	09:29:59	COLOR	222.5/227.5	-30	.12	1/1	1	3	REC/UH	16K	-27	118.2/14.0	168/- 6	274/10:21:10	00:27.9	
		RED	SDR 41	0	0	2	1		62.49	12.18		FN0050/26	1			
		BLU	SDR 42	0	0	1	1		44.89	10.86		FN0050/24	1			
		GRN	SDR 41	0	0	2	1		52.30	11.59		FN0050/25	1			
		DIURNAL FROST STUDY														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22E188/382	09:48:48	SINGLE	175.0/177.5	20	.04	4/2	1	1	REC/UH	16K	-33	122.0/16.7	356/- 9	274/10:39:59	00:14.5	
		SUN	SDR	65	64	1	0	0	66.17	2.55		FN0050/27	1			
		AM SUN DIODE														
21E189/382	10:15:00	COLOR	222.5/227.5	-30	.12	1/1	1	4	REC/UH	16K	-27	127.6/20.2	177/-13	274/11:06:11	00:27.9	
		BLU	SDR	42	0	0	1	1	34.61	8.21		FN0050/28	1			
		GRN	SDR	40	0	0	3	2	40.12	9.25		FN0050/29	1			
		RED	SDR	41	0	0	2	1	47.46	10.44		FN0050/30	1			
		DIURNAL FROST STUDY														
22E190/382	10:48:49	SINGLE	187.5/190.0	20	.04	4/2	1	2	REC/UH	16K	-31	135.2/24.3	8/-17	274/11:40:00	00:14.5	
		SUN	SDR	65	64	1	0	0	31.04	.61		FN0050/31	1			
		AM SUN DIODE														
21E191/382	11:00:00	COLOR	222.5/227.5	-30	.12	1/1	1	3	REC/UH	16K	-25	137.8/25.6	186/-19	274/11:51:11	00:27.9	
		BLU	SDR	42	0	0	1	1	86.38	23.14		FN0050/32	1			
		GRN	SDR	41	0	0	2	1	101.77	25.93		FN0050/33	1			
		RED	SDR	41	0	0	2	1	120.74	30.25		FN0050/34	1			
		DIURNAL FROST STUDY														
21E192/382	11:43:00	COLOR	222.5/227.5	-30	.12	1/1	1	4	REC/UH	16K	-23	148.5/29.8	196/-24	274/12:34:11	00:27.9	
		BLU	SDR	42	0	0	1	1	52.65	18.16		FN0050/35	1			
		RED	SDR	41	0	0	2	1	71.76	19.40		FN0050/37	1			
		GRN	SDR	41	0	0	2	1	61.53	18.17		FN0050/36	1			
		DIURNAL FROST STUDY														
21E193/382	11:45:00	IR	222.5/227.5	-30	.12	9/1	1	4	REC/UH	16K	-23	149.1/30.0	197/-24	274/12:36:11	00:27.9	
		IR3	SDR	42	0	0	1	1	48.68	12.09		FN0050/38	1			
		IR2	SDR	41	0	0	2	1	48.29	12.20		FN0050/39	1			
		IR1	SDR	41	0	0	2	1	61.77	16.34		FN0050/40	1			
		DIURNAL FROST STUDY														
21E194/382	13:00:00	COLOR	222.5/227.5	-30	.12	1/1	1	4	REC/UH	16K	-19	169.9/34.3	216/-31	274/13:51:11	00:27.9	
		BLU	SDR	42	0	0	1	1	61.67	18.24		FN0050/41	1			
		GRN	SDR	41	0	0	2	1	72.68	22.07		FN0050/42	1			
		RED	SDR	41	0	0	2	1	85.61	26.92		FN0050/43	1			
		DIURNAL FROST STUDY														
21E195/382	13:02:00	COLOR	222.5/227.5	-30	.12	1/1	1	3	REC/UH	16K	-17	170.4/34.3	216/-31	274/13:53:11	00:27.9	
		BLU	SDR	42	0	0	1	1	121.71	37.52		FN0050/44	1			
		GRN	SDR	41	0	0	2	1	144.30	45.14		FN0050/45	1			
		RED	SDR	41	0	0	2	1	161.94	51.19		FN0050/46	1			
		DIURNAL FROST STUDY														
21E196/382	13:45:00	COLOR	222.5/227.5	-30	.12	1/1	1	4	REC/UH	16K	-15	183.0/34.7	228/-33	274/14:36:11	00:27.9	
		BLU	SDR	42	0	0	1	1	57.01	19.17		FN0050/47	1			
		GRN	SDR	41	0	0	2	1	68.25	23.89		FN0050/48	1			
		RED	SDR	41	0	0	2	1	81.94	29.13		FN0050/49	1			
		DIURNAL FROST STUDY														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS		
22E197/384	10:49:38	SINGLE	187.5/190.0	20	.04	4/2	1	2	REC/UH	16K	-31	135.2/24.8	8/-18	276/12:59:59	00:14.5
		SUN	SDR 65	64	1	0	0		31.06	.93		FN0050/50	1		
		AM SUN DIODE													
22E198/386	10:50:27	SINGLE	187.5/190.0	20	.04	4/2	1	2	REC/UH	16K	-29	135.2/25.4	8/-18	278/14:19:59	00:14.5
		SUN	SDR 65	64	1	0	0		31.14	2.28		FN0050/51	1		
		AM SUN DIODE													
21E199/386	12:00:01	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-21	152.9/32.0	200/-27	278/15:29:32	00:10.1
		BB1	SDR 44	43	1	0	0		58.38	39.01		FN0050/52	1		
		SCAN VER													
21E200/386	11:59:43	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-21	152.8/32.0	200/-27	278/15:29:14	00:18.0
		CAL	SDR 84	0	0	0	0		.00	.00		FN0050/53	1		
		CALIBRATION FRAME													
22E201/386	12:02:01	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-27	153.4/32.2	24/-27	278/15:31:32	00:10.1
		BB1	SDR 44	43	1	0	0		52.21	24.50		FN0050/54	1		
		SCAN VER													
22E202/386	12:01:43	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-27	153.4/32.1	24/-27	278/15:31:14	00:18.0
		CAL	SDR 84	0	0	0	0		.00	.00		FN0050/55	1		
		CALIBRATION FRAME													
22E203/387	10:40:53	SINGLE	185.0/187.5	20	.04	4/2	1	1	REC/UH	16K	-27	132.9/24.4	6/-17	279/14:50:00	00:14.5
		SUN	SDR 65	64	1	0	0		67.18	2.96		FN0050/56	1		
		AM SUN DIODE													
22E204/388	10:41:17	SINGLE	185.0/187.5	20	.04	4/2	1	1	REC/UH	16K	-25	133.0/24.7	6/-17	280/15:30:00	00:14.5
		SUN	SDR 62	0	0	2	1		67.53	3.54		FN0050/57	1		
		AM SUN DIODE													
21E205/388	14:05:39	SINGLE	305.0/330.0	-30	.12	14/3	1	4	REC/UH	16K	-15	189.6/35.6	234/-35	280/18:54:21	00:45.6
		SURV	SDR 211	209	2	0	0		77.89	47.97		FN0051/01	1		
		SSCA DIAGNOSTIC													
22E206/388	14:12:29	SINGLE	17.5/ 25.0	-20	.04	8/2	1	4	REC/UH	16K	-19	191.6/35.4	60/-35	280/19:01:11	00:41.2
		BB1	SDR 190	189	1	0	0		96.57	32.99		FN0051/02	1		
		MAGNET CLEANING													
22E207/388	14:41:23	SINGLE	132.5/140.0	-30	.04	0/2	1	4	REC/UH	16K	-19	200.0/34.2	69/-35	280/19:30:05	00:41.2
		BB2	SDR 187	0	0	2	1		101.64	21.47		FN0051/03	1		
		B/H T.D.													
22E208/389	09:59:59	COLOR	27.5/ 47.5	-10	.12	1/1	1	4	REC/UH	16K	-35	123.7/19.6	357/-12	281/15:28:16	01:47.9
		BLU	SDR 167	0	0	1	1		64.56	40.55		FN0051/04	1		
		GRN	SDR 167	0	0	1	1		70.46	37.11		FN0051/05	1		
		RED	SDR 166	0	0	2	1		79.30	28.21		FN0051/06	1		
		FROST SITE													

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22E209/389	10:03:29	IR	27.5/	47.5	-10 .12	9/1	1	4	REC/UH	16K	-29	124.5/20.1	358/-12	281/15:31:46	01:47.9	
		IR3	SDR	167	0 0	1	1		49.34	14.70		FN0051/07	1			
		IR2	SDR	166	0 0	2	1		48.28	14.52		FN0051/08	1			
		IR1	SDR	166	0 0	2	1		57.18	16.64		FN0051/09	1			
		FROST SITE														
22E210/389	10:41:41	SINGLE	185.0/187.5		20 .04	4/2	1	1	REC/UH	16K	-31	133.0/25.0	6/-18	281/16:09:58	00:14.5	
		SUN	SDR	65	64 1	0	0		67.47	4.54		FN0051/10	1			
		AM SUN DIODE														
22E211/389	11:29:59	COLOR	305.0/310.0		-10 .12	1/1	1	4	REC/UH	16K	-29	144.8/30.1	16/-24	281/16:58:16	00:27.9	
		BLU	SDR	42	0 0	1	1		82.74	60.53		FN0051/11	1			
		GRN	SDR	41	0 0	2	1		83.17	57.14		FN0051/12	1			
		RED	SDR	41	0 0	2	1		90.23	50.34		FN0051/13	1			
		RTC #2														
22E212/389	11:31:59	IR	305.0/310.0		-10 .12	9/1	1	4	REC/UH	16K	-29	145.3/30.3	17/-24	281/17:00:16	00:27.9	
		IR3	SDR	42	0 0	1	1		58.31	29.31		FN0051/14	1			
		IR2	SDR	41	0 0	2	1		56.91	28.90		FN0051/15	1			
		IR1	SDR	41	0 0	2	1		64.79	32.30		FN0051/16	1			
		RTC #2														
22E213/389	11:56:41	SINGLE	202.5/205.0		30 .04	4/2	1	2	REC/UH	16K	-27	151.9/32.4	23/-27	281/17:24:58	00:14.5	
		SUN	SDR	65	64 1	0	0		31.29	3.59		FN0051/17	1			
		AM SUN DIODE														
21E214/389	12:59:59	COLOR	222.5/227.5		-30 .12	1/1	1	3	REC/UH	16K	-19	170.0/35.8	215/-33	281/18:28:16	00:27.9	
		BLU	SDR	42	0 0	1	1		146.53	54.18		FN0051/18	1			
		GRN	SDR	41	0 0	2	1		164.42	64.55		FN0051/19	1			
		RED	SDR	41	0 0	2	1		147.74	62.32		FN0051/20	1			
		FROST SITE														
21E215/389	13:01:59	COLOR	222.5/227.5		-30 .12	1/1	1	4	REC/UH	16K	-19	170.6/35.9	216/-33	281/18:30:16	00:27.9	
		BLU	SDR	42	0 0	1	1		75.89	27.27		FN0051/21	1			
		GRN	SDR	42	0 0	1	1		90.21	34.36		FN0051/22	1			
		RED	SDR	41	0 0	2	1		101.13	39.23		FN0051/23	1			
		FROST SITE														
22E216/390	10:42:06	SINGLE	185.0/187.5		20 .04	4/2	1	1	REC/UH	16K	-33	133.0/25.2	6/-18	282/16:49:59	00:14.5	
		SUN	SDR	63	0 0	1	1		66.04	8.57		FN0051/24	1			
		AM SUN DIODE														
22E217/390	11:33:11	SINGLE	65.0/	70.0	-10 .04	13/2	1	3	REC/UH	16K	-33	145.6/30.7	17/-25	282/17:41:04	27:00.0	
		BB3	SDR	129	314 3	0	0		126.49	60.36		FN0051/25	1			
		DCS DEMO CANBERRA														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22E218/391	11:33:12	SINGLE	65.0/ 70.0	-10	.04	13/2	1	3	REC/UH	16K	-15	145.6/30.9	17/-25	283/18:20:40	27:00.0	
		BB3	SDR 129	314	3	0	0		126.49	60.36		FN0051/26	1			
		DCS DEMO CANBERRA														
22E219/392	10:42:56	SINGLE	185.0/187.5	20	.04	4/2	1	1	RE./UH	16K	-27	133.0/25.8	6/-19	284/18:10:00	00:14.5	
		SUN	SDR 62	0	0	2	1		71.54	20.01		FN0051/27	1			
		AM SUN DIODE														
22E220/394	10:43:45	SINGLE	185.0/187.5	20	.04	4/2	1	1	REC/UH	16K	-25	133.1/26.3	6/-19	286/19:29:59	00:14.5	
		SUN	SDR 65	64	1	0	0		70.60	14.70		FN0051/28	1			
		AM SUN DIODE														
22E221/395	12:28:28	SINGLE	12.5/ 25.0	-20	.04	13/2	1	4	REC/UH	16K	-23	160.8/35.9	31/-31	287/21:54:17	01:07.9	
		BB3	SDR 315	314	1	0	0		99.76	23.15		FN0051/29	1			
		REPRO F/C 22C102/131														
22E222/396	10:44:35	SINGLE	185.0/187.5	20	.04	4/2	1	2	REC/UH	16K	-25	133.2/26.8	6/-20	288/20:50:00	00:14.5	
		SUN	SDR 62	0	0	2	1		31.14	2.18		FN0051/30	1			
		AM SUN DIODE														
22E223/396	11:33:11	SINGLE	65.0/ 70.0	-10	.04	13/2	1	3	REC/UH	16K	-25	145.3/32.0	17/-26	288/21:38:36	27:00.0	
		BB3	SDR 129	314	3	0	0		126.49	60.36		FN0051/31	1			
		DCS DEMO CANBERRA														
21E224/396	21:30:29	IR	235.0/260.0	10	.12	9/1	1	0	RT/UH	16K	-35	287.4/-20	338/ 12	289/07:35:54	05:16.0	
		IR3	ISDR 394	210	284	99	2		129.08	15.30		FN0051/32	1			
		IR2	ISDR 394	210	284	99	3		120.29	17.92		FN0051/33	1			
		IR1	ISDR 393	210	284	100	4		124.57	15.48		FN0051/34	1			
		RADIO SCIENCE														
22E225/397	10:29:59	SINGLE	145.0/165.0	-50	.04	8/2	1	3	REC/UH	16K	-27	129.7/25.2	3/-18	289/21:14:59	01:47.9	
		BB1	ISDR 378	501	3	126	3		88.15	33.87		FN0051/35	1			
		MON FOOTPAD #3														
22E226/397	10:44:59	SINGLE	185.0/187.5	20	.04	4/2	1	2	REC/UH	16K	-27	133.2/27.1	6/-20	289/21:29:59	00:14.5	
		SUN	SDR 65	64	1	0	0		31.05	.74		FN0051/36	1			
		AM SUN DIODE														
21E227/398	10:26:59	SINGLE	127.5/185.0	-10	.04	13/2	1	4	REC/UH	16K	-29	128.9/25.1	178/-18	290/21:51:33	05:07.8	
		BB3	SDR 1433	0	0	6	2		95.93	20.33		FN0051/37	2			
		REPRO F/C 21C099/130														
21E228/399	20:09:23	COLOR	260.0/285.0	10	.12	1/1	1	0	REC/UH	16K	-29	272.7/- 7	323/-	292/08:13:33	02:13.0	
		BLU	SDR 212	314	3	0	0		126.49	60.36		FN0051/38	1			
		GRN	SDR 212	314	3	0	0		126.49	60.36		FN0051/39	1			
		RED	SDR 212	314	3	0	0		126.49	60.36		FN0051/40	1			
		RADIO SCIENCE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22E229/400	10:46:14	SINGLE	185.0/187.5	20	.04	4/2	1	2	REC/UH	16K	-25	133.3/27.9	6/-21	292/23:29:59	00:14.5	
		SUN	SDR	63	64	1	2	1	31.20	2.83		FN0051/41	1			
		AM SUN DIODE														
22E230/400	11:24:58	COLOR	305.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	-23	143.0/32.1	15/-26	293/00:08:43	00:27.9	
		BLU	SDR	42	0	0	1	1	83.96	64.69		FN0051/42	1			
		GRN	SDR	41	0	0	2	1	82.17	57.09		FN0051/43	1			
		RED	SDR	41	0	0	2	1	90.23	51.10		FN0051/44	1			
		REPRO F/C 22C115/132														
21E231/401	12:22:58	SINGLE	215.0/240.0	-40	.04	8/2	1	4	REC/UH	16K	-21	159.2/36.9	205/-32	294/01:46:19	02:14.5	
		BB1	ISDR	622	626	3	7	2	73.31	23.88		FN0051/45	1			
		REPRO F/C 21C101/131														
21E232/404	17:57:53	SINGLE	120.0/122.5	20	.04	4/2	1	1	REC/UH	16K	-13	249.4/14.4	299/-21	297/09:20:00	00:14.5	
		SUN	SDR	62	0	0	2	1	63.10	1.53		FN0051/46	1			
		ORB/LNDR OPT DEPTH STUDY														
22E233/405	10:23:59	SINGLE	260.0/305.0	-10	.04	13/2	1	4	REC/UH	16K	-29	127.7/26.2	1/-19	298/02:25:41	04:01.2	
		BB3	ISDR	1126	1126	1	1	1	66.80	32.57		FN0051/47	2			
		REPRO F/C 22C097/128														
22E234/405	10:58:17	SINGLE	187.5/190.0	30	.04	4/2	1	2	REC/UH	16K	-25	135.9/30.4	8/-23	298/02:59:59	00:14.5	
		SUN	SDR	65	64	1	0	0	31.38	5.07		FN0052/01	1			
		AM SUN DIODE														
22E235/405	11:48:17	SINGLE	200.0/202.5	30	.04	4/2	1	2	REC/UH	16K	-21	149.2/35.4	20/-30	298/03:49:59	00:14.5	
		SUN	SDR	62	0	0	2	1	31.28	3.45		FN0052/02	1			
		AM SUN DIODE														
21E236/405	14:58:17	SINGLE	265.0/275.0	-30	.04	0/2	1	4	REC/UH	16K	-8	207.1/36.4	252/-38	298/06:59:59	00:54.5	
		BB2	SDR	250	0	0	1	1	109.93	29.22		FN0052/03	1			
		C/H IN SOIL														
21E237/405	15:54:39	SINGLE	265.0/275.0	-30	.04	0/2	1	4	REC/UH	16K	-8	222.4/31.1	269/-35	298/07:56:21	00:54.5	
		BB2	SDR	250	0	0	1	1	95.49	38.90		FN0052/04	1			
		C/H IN SOIL														
22E238/405	16:23:17	SINGLE	280.0/282.5	30	.04	4/2	1	2	REC/UH	16K	-10	229.4/27.8	100/-33	298/08:24:59	00:14.5	
		SUN	SDR	65	64	1	0	0	31.31	3.83		FN0052/05	1			
		PM SUN DIODE														
21E239/405	17:03:19	SINGLE	107.5/110.0	30	.04	4/2	1	2	REC/UH	16K	-8	238.5/22.5	287/-28	298/09:05:01	00:14.5	
		SUN	SDR	65	64	1	0	0	32.67	3.87		FN0052/06	1			
		DIURNAL TEMP EXPERIMENT														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21E240/405	17:18:17	SINGLE	110.0/112.5	30	.04	4/2	1	1	REC/UH	16K	-8	241.6/20.4	290/-26	298/09:19:59	00:14.5	
		SUN	SDR	65	64	1	0	0	63.56	5.99		FN0052/07	1			
		ORB/LNDR OPT DEPTH STUDY														
21E241/405	18:03:17	SINGLE	120.0/122.5	20	.04	4/2	1	1	REC/UH	16K	-8	250.7/13.7	300/-21	298/10:04:58	00:14.5	
		SUN	SDR	65	64	1	0	0	63.18	2.74		FN0052/08	1			
		DIURNAL TEMP EXPERIMENT														
22E242/406	08:53:43	SINGLE	162.5/165.0	10	.04	4/2	1	0	REC/UH	16K	-25	108.8/13.5	343/- 5	299/01:35:00	00:14.5	
		SUN	SDR	65	64	1	0	0	135.37	3.42		FN0052/09	1			
		DIURNAL TEMP EXPERIMENT														
22E243/406	09:43:43	SINGLE	172.5/175.0	20	.04	4/2	1	1	REC/UH	16K	-23	118.8/20.9	353/-13	299/02:25:00	00:14.5	
		SUN	SDR	62	0	0	2	1	68.90	5.91		FN0052/10	1			
		DIURNAL TEMP EXPERIMENT														
22E244/406	10:08:43	SINGLE	177.5/180.0	20	.04	4/2	1	2	REC/UH	16K	-23	124.2/24.4	358/-17	299/02:50:00	00:14.5	
		SUN	SDR	62	0	0	2	1	31.40	3.73		FN0052/11	1			
		DIURNAL TEMP EXPERIMENT														
22E245/406	10:58:43	SINGLE	187.5/190.0	30	.04	4/2	1	2	REC/UH	16K	-19	136.0/30.7	8/-24	299/03:40:00	00:14.5	
		SUN	SDR	62	0	0	2	1	31.81	5.57		FN0052/12	1			
		AM SUN DIODE														
22E246/406	11:15:43	COLOR	130.0/140.0	-30	.12	1/1	1	4	REC/UH	16K	-19	140.3/32.5	12/-26	299/03:57:00	00:54.5	
		RED	SDR	82	0	0	2	1	93.76	52.58		FN0052/15	1			
		BLU	SDR	83	0	0	1	1	60.28	47.81		FN0052/13	1			
		GRN	SDR	83	0	0	1	1	64.61	41.36		FN0052/14	1			
		XRFS PHYSICIA PLANITIA														
22E247/406	11:23:43	COLOR	305.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	-19	142.5/33.3	14/-27	299/04:05:00	00:27.9	
		BLU	SDR	41	0	0	2	1	64.49	49.13		FN0052/16	1			
		GRN	SDR	41	0	0	2	1	67.20	47.12		FN0052/17	1			
		RED	SDR	41	0	0	2	1	79.00	48.13		FN0052/18	1			
		RTC #2														
22E248/406	11:28:43	IR	305.0/310.0	-10	.12	9/1	1	4	REC/UH	16K	-19	143.8/33.8	15/-28	299/04:10:00	00:27.9	
		IR3	SDR	41	0	0	2	1	57.24	34.06		FN0052/19	1			
		IR2	SDR	41	0	0	2	1	55.94	33.69		FN0052/20	1			
		IR1	SDR	41	0	0	2	1	61.58	36.11		FN0052/21	1			
		RTC #2														
22E249/406	11:33:43	IR	130.0/140.0	-30	.12	9/1	1	4	REC/UH	16K	-17	145.1/34.3	16/-28	299/04:15:00	00:54.5	
		IR3	SDR	83	0	0	1	1	68.41	34.16		FN0052/22	1			
		IR2	SDR	83	0	0	1	1	66.91	33.77		FN0052/23	1			
		IR1	SDR	82	0	0	2	1	78.61	37.99		FN0052/24	1			
		XRFS PHYSICIA PLANITIA														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS				
22E250/406	11:38:30	COLOR	207.5/247.5	10	.12	1/1	8	5	REC/UH	16K	-17	146.5/34.7	17/-29	299/04:19:47	03:34.5	
		BLU	SDR	332	0	0	2	1	122.23	61.63	FN0052/25	1				
		GRN	SDR	331	0	0	3	2	121.23	61.55	FN0052/26	1				
		RED	SDR	331	0	0	3	1	121.03	55.00	FN0052/27	1				
		AM SKY BRIGHTNESS														
22E251/406	11:44:15	SINGLE	80.0/ 92.5	-10	.04	13/2	1	4	REC/UH	16K	-17	148.0/35.2	19/-29	299/04:25:32	01:07.9	
		BB3	SDR	315	314	1	0	0	112.47	37.37	FN0052/28	1				
		SKY MON														
22E252/406	12:08:43	SINGLE	205.0/207.5	30	.04	4/2	1	2	REC/UH	16K	-15	155.0/37.2	25/-32	299/04:50:00	00:14.5	
		SUN	SDR	65	64	1	0	0	31.68	5.92	FN0052/29	1				
		DIURNAL TEMP EXPERIMENT														
21E253/406	15:23:43	SINGLE	240.0/245.0	-30	.04	0/2	1	4	REC/UH	16K	-10	214.4/34.4	260/-37	299/08:04:59	00:27.9	
		BB2	SDR	127	126	1	0	0	101.03	25.28	FN0052/30	1				
		PHYS PROPS - CON FORN														
22E254/406	16:23:42	SINGLE	280.0/282.5	30	.04	4/2	1	2	REC/UH	16K	-8	229.7/27.9	101/-33	299/09:04:59	00:14.5	
		SUN	SDR	65	64	1	0	0	31.21	2.99	FN0052/31	1				
		PM SUN DIODE														
22E255/407	10:59:07	SINGLE	187.5/190.0	30	.04	4/2	1	2	REC/UH	16K	-33	136.1/30.9	8/-24	300/04:19:59	00:14.5	
		SUN	SDR	65	64	1	0	0	31.12	2.20	FN0052/32	1				
		AM SUN DIODE														
22F000/408	10:13:59	SINGLE	115.0/145.0	-50	.04	8/2	1	4	REC/UH	16K	-27	125.3/25.6	358/-18	301/04:14:26	02:41.2	
		BB1	SDR	752	751	1	0	0	45.91	13.04	FN0052/33	1				
		SURF MON														
21F001/408	12:00:00	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-15	152.5/37.0	199/-32	301/06:00:28	00:10.1	
		BB1	SDR	42	0	0	1	1	54.55	37.21	FN0052/34	1				
		SCAN VER														
21F002/408	11:59:42	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-15	152.4/37.0	199/-31	301/06:00:10	00:18.0	
		CAL	SDR	84	0	0	0	0	.00	.00	FN0052/35	1				
		CALIBRATION FRAME														
22F003/408	12:03:00	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-21	153.4/37.2	23/-32	301/06:03:28	00:10.1	
		BB1	SDR	42	0	0	1	1	53.31	24.62	FN0052/36	1				
		SCAN VER														
22F004/408	12:02:42	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-21	153.3/37.2	23/-32	301/06:03:10	00:18.0	
		CAL	SDR	84	0	0	0	0	.00	.00	FN0052/37	1				
		CALIBRATION FRAME														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22F005/408	19:29:07	COLOR	325.0/325.0		10 .12	1/1	1	4	REC/UH	250	-21	267.2/ .3	142/- 8	301/13:29:35	24:11.2	R
		BLU	ISDR 33		2 33	1	1		51.52	28.04		FN0052/38	1			
		GRN	ISDR 34		2 33	0	0		41.74	20.44		FN0052/39	1			
		RED	ISDR 33		2 33	1	1		34.07	13.18		FN0052/40	1			
		PM TWILIGHT RESCAN														
22F006/408	19:55:12	COLOR	330.0/330.0		10 .12	1/1	1	2	REC/UH	250	-13	271.9/- 3	147/- 4	301/13:55:40	24:11.2	R
		BLU	ISDR 33		2 33	1	1		51.54	24.27		FN0052/41	1			
		GRN	ISDR 34		2 33	0	0		45.73	15.49		FN0052/42	1			
		RED	ISDR 34		2 33	0	0		41.07	8.79		FN0052/43	1			
		PM TWILIGHT RESCAN														
22F007/408	20:21:17	COLOR	332.5/332.5		10 .12	1/1	1	0	REC/UH	250	-13	276.6/- 8	151/	301/14:21:45	24:11.2	R
		BLU	ISDR 33		2 33	1	1		159.36	24.40		FN0052/44	1			
		GRN	ISDR 34		2 33	0	0		162.32	25.56		FN0052/45	1			
		RED	ISDR 34		2 33	0	0		163.98	25.01		FN0052/46	1			
		PM TWILIGHT RESCAN														
22F008/409	10:24:55	SINGLE	180.0/182.5		20 .04	4/2	1	2	REC/UH	16K	-23	127.7/27.2	1/-20	302/05:04:58	00:14.5	
		SUN	SDR 62		0 0	2	1		31.09	1.53		FN0052/47	1			
		AM SUN DIODE														
21F009/409	11:33:58	SINGLE	247.5/275.0		-10 .04	13/2	1	4	REC/UH	16K	-17	145.1/35.0	192/-29	302/06:14:01	02:27.9	
		BB3	SDR 687		0 0	2	1		96.86	31.70		FN0052/48	1			
		SURF MON														
22F010/410	10:25:22	SINGLE	180.0/182.5		20 .04	4/2	1	2	REC/UH	16K	-29	127.7/27.5	1/-20	303/05:45:00	00:14.5	
		SUN	SDR 63		64 1	2	1		31.46	5.89		FN0052/49	1			
		AM SUN DIODE														
22F011/410	11:15:00	COLOR	290.0/310.0		-10 .12	1/1	1	4	REC/UH	16K	-27	140.0/33.3	12/-27	303/06:34:38	01:47.9	
		BLU	SDR 167		0 0	1	1		72.71	56.64		FN0052/50	1			
		GRN	SDR 166		0 0	2	1		74.08	54.90		FN0052/51	1			
		RED	SDR 166		0 0	2	1		83.69	51.54		FN0052/52	1			
		RTC AND GRID														
22F012/410	11:20:00	IR	290.0/310.0		-10 .12	9/1	1	4	REC/UH	16K	-25	141.3/33.9	13/-27	303/06:39:38	01:47.9	
		IR3	SDR 167		0 0	1	1		56.92	33.14		FN0052/53	1			
		IR2	SDR 166		0 0	2	1		56.18	32.91		FN0052/54	1			
		IR1	SDR 165		0 0	3	2		61.89	35.38		FN0052/55	1			
		RTC AND GRID														
22F013/410	11:25:00	IR	32.5/ 42.5		-20 .12	9/1	1	4	REC/UH	16K	-25	142.7/34.4	14/-28	303/06:44:38	00:54.5	
		IR3	SDR 83		0 0	1	1		80.44	22.65		FN0053/01	1			
		IR2	SDR 83		0 0	1	1		78.82	21.89		FN0053/02	1			
		IR1	SDR 83		0 0	1	1		93.08	27.61		FN0053/03	1			
		SPALLING VALLEY														

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST
			DATA TOTAL RECORD LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS		
22F014/410	11:30:00	COLOR	32.5/ 42.5	-20 .12	1/1	1	4	REC/UH	16K	-25	144.0/34.9	15/-29	303/06:49:38	00:54.5
		BLU	SDR 83	0 0	1	1		95.08	41.62		FN0053/04	1		
		GRN	SDR 83	0 0	1	1		109.19	37.73		FN0053/05	1		
		RED	SDR 83	0 0	1	1		131.74	41.33		FN0053/06	1		
		SPALLING VALLEY												
22F015/410	14:00:00	COLOR	317.5/327.5	-30 .12	1/1	1	4	REC/UH	16K	-17	190.1/40.4	58/-40	303/09:19:38	00:54.5
		BLU	SDR 83	0 0	1	1		77.74	49.78		FN0053/07	1		
		GRN	SDR 82	0 0	2	1		79.73	47.15		FN0053/08	1		
		RED	SDR 82	0 0	2	1		86.60	48.31		FN0053/09	1		
		XRFS FUNNEL												
22F016/411	10:25:46	SINGLE	180.0/182.5	20 .04	4/2	1	2	REC/UH	16K	-33	127.8/27.8	1/-20	304/06:25:00	00:14.5
		SUN	SDR 65	64 1	0	0		31.07	1.17		FN0053/10	1		
		AM SUN DIODE												
21F017/412	18:59:07	SINGLE	180.0/300.0	-40 .04	8/2	1	3	RT/UH	16K	-13	262.5/ 5.7	313/-13	305/15:37:55	10:40.0
		BB1	SDR 2992	0 0	9	4		30.12	4.41		FN0053/11	4		
		SURF MON												
22F018/413	09:46:35	SINGLE	172.5/175.0	20 .04	4/2	1	2	REC/UH	16K	-31	118.9/22.9	353/-15	306/07:04:58	00:14.5
		SUN	SDR 63	64 1	2	1		31.05	.78		FN0053/12	1		
		AM DAILY SUN DIODE												
21F019/413	16:56:35	SINGLE	107.5/110.0	30 .04	4/2	1	2	REC/UH	16K	-6	238.6/24.5	286/-30	306/14:14:59	00:14.5
		SUN	SDR 65	64 1	0	0		32.30	3.73		FN0053/13	1		
		PM DAILY SUN DIODE												
22F020/414	10:57:00	SINGLE	187.5/190.0	30 .04	4/2	1	2	REC/UH	16K	-19	135.2/32.3	7/-25	307/08:54:59	00:14.5
		SUN	SDR 62	0 0	2	1		31.43	3.42		FN0054/01	1		
		AM DAILY SUN DIODE												
22F021/414	12:00:00	SINGLE	27.5/ 90.0	-10 .04	13/2	1	4	REC/UH	16K	-15	152.5/38.3	22/-33	307/09:57:59	05:34.5
		BB3	SDR 1562	0 0	2	1		120.53	30.36		FN0054/02	2		
		SURFACE MONITOR												
21F022/414	12:08:26	SINGLE	210.0/275.0	-10 .04	13/2	1	4	REC/UH	16K	-12	155.0/38.9	201/-34	307/10:06:25	05:47.8
		BB3	SDR 1621	0 0	5	2		117.52	28.87		FN0054/03	2		
		SURFACE MONITOR												
21F023/414	12:16:45	SINGLE	205.0/275.0	-30 .04	0/2	1	4	REC/UH	16K	-10	157.5/39.5	203/-35	307/10:14:44	06:14.5
		BB2	SDR 1749	0 0	2	1		107.91	24.24		FN0054/04	3		
		SURFACE MONITOR												
21F024/414	12:28:00	COLOR	35.0/ 40.0	-10 .12	1/1	1	4	REC/UH	16K	-8	161.0/40.1	206/-36	307/10:25:59	00:27.9
		BLU	SDR 41	0 0	2	1		56.66	28.65		FN0054/05	1		
		GRN	SDR 41	0 0	2	1		59.63	28.37		FN0054/06	1		
		RED	SDR 41	0 0	2	1		59.30	24.26		FN0054/07	1		
		CAM.COMP.SEQ., RTC												

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21F025/414	12:30:00	IR	35.0/	40.0	-10 .12	9/1	1	4	REC/UH	16K	-8	161.6/40.2	207/-36	307/10:27:59	00:27.9	
		IR3	SDR	41	0 0	2	1		5..39	40.84		FN0054/08	1			
		IR2	SDR	41	0 0	2	1		51.52	39.71		FN0054/09	1			
		IR1	SDR	41	0 0	2	1		51.96	21.52		FN0054/10	1			
		CAM.COMP.SEQ., RTC														
21F026/414	12:32:00	COLOR	52.5/	60.0	-10 .12	1/1	1	4	REC/UH	16K	-8	162.2/40.4	207/-36	307/10:29:59	00:41.2	
		BLU	SDR	61	0 0	3	2		56.25	29.41		FN0054/11	1			
		GRN	SDR	61	0 0	3	2		61.12	31.22		FN0054/12	1			
		RED	SDR	59	0 0	5	3		67.07	31.06		FN0054/13	1			
		CAM.COMP.SEQ., RTC														
21F027/414	12:34:00	IR	52.5/	60.0	-10 .12	9/1	1	4	REC/UH	16K	-8	162.9/40.4	208/-36	307/10:31:59	00:41.2	
		IR3	SDR	62	0 0	2	1		69.04	55.82		FN0054/14	1			
		IR2	SDR	62	0 0	2	1		68.04	55.41		FN0054/15	1			
		IR1	SDR	61	0 0	3	1		63.58	36.11		FN0054/16	1			
		CAM.COMP.SEQ., RTC														
22F028/414	12:36:00	COLOR	272.5/	280.0	-10 .12	1/1	1	4	REC/UH	16K	-13	163.5/40.5	32/-36	307/10:33:59	00:41.2	
		BLU	SDR	63	0 0	1	1		75.41	51.48		FN0054/17	1			
		GRN	SDR	62	0 0	2	1		75.30	44.91		FN0054/18	1			
		RED	SDR	62	0 0	2	1		87.91	50.01		FN0054/19	1			
		CAM.COMP.SEQ., RTC														
22F029/414	12:38:00	IR	272.5/	280.0	-10 .12	9/1	1	4	REC/UH	16K	-13	164.1/40.6	33/-37	307/10:35:59	00:41.2	
		IR3	SDR	63	0 0	1	1		84.43	52.64		FN0054/20	1			
		IR2	SDR	62	0 0	2	1		83.35	52.01		FN0054/21	1			
		IR1	SDR	62	0 0	2	1		92.00	57.92		FN0054/22	1			
		CAM.COMP.SEQ., RTC														
22F030/414	12:40:00	COLOR	285.0/	310.0	-10 .12	1/1	1	4	REC/UH	16K	-12	164.7/40.7	33/-37	307/10:37:59	02:14.5	
		BLU	SDR	208	0 0	1	1		74.74	61.12		FN0054/23	1			
		GRN	SDR	208	0 0	1	1		75.84	57.17		FN0054/24	1			
		RED	SDR	207	0 0	2	2		90.12	57.39		FN0054/25	1			
		CAM.COMP.SEQ., RTC&GRID														
22F031/414	12:43:25	IR	285.0/	310.0	-10 .12	9/1	1	4	REC/UH	16K	-12	165.8/40.9	34/-37	307/10:41:24	02:14.5	
		IR3	SDR	208	0 0	1	1		63.99	37.32		FN0054/26	1			
		IR2	SDR	208	0 0	1	1		62.44	36.69		FN0054/27	1			
		IR1	SDR	207	0 0	2	1		69.30	41.09		FN0054/28	1			
		CAM.COMP.SEQ., RTC&GRID														
21F032/414	17:03:40	SINGLE	150.0/	330.0	-20 .04	13/2	1	4	RT/UH	16K	-4	240.3/23.7	288/-30	307/15:01:39	16:00.0	
		BB3	ISDR	4499	0 0	2	1		67.71	25.11		FN0054/29	6			
		SURFACE MONITOR														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22F033/414 17:20:20		SINGLE	15.0/195.0	-20	.04	13/2	1	4	RT/UH	16K	-6	243.8/21.3	116/-28	307/15:18:19	16:00.0	
		BB3	ISDR 4499	0	0	2	1		66.29	22.02		FN0054/30	6			
		SURFACE MONITOR														
22F034/414 18:19:29		SINGLE	67.5/162.5	-40	.04	8/2	1	3	RT/UH	16K	-8	255.6/12.2	129/-19	307/16:17:28	08:27.0	
		BB1	ISDR 2375	0	0	1	1		45.89	11.15		FN0054/31	3			
		SURFACE MONITOR														
22F035/415 10:12:26		SINGLE	177.5/180.0	20	.04	4/2	1	2	REC/UH	16K	-21	124.4/26.9	358/-19	308/08:50:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.43	4.73		FN0055/01	1			
		AM DAILY SUN DIODE														
21F036/415 12:00:01		SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-13	152.5/38.6	198/-33	308/10:37:35	00:10.1	
		BB1	ISDR 44	43	1	0	0		52.74	35.61		FN0055/02	1			
		SCAN VER & CAL - CAM 1														
21F037/415 11:59:43		SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-13	152.4/38.5	198/-33	308/10:37:17	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0055/03	1			
		CALIBRATION FRAME														
22F038/415 12:03:01		SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-17	153.4/38.8	23/-33	308/10:40:35	00:10.1	
		BB1	ISDR 44	43	1	0	0		52.30	24.61		FN0055/04	1			
		SCAN VER & CAL - CAM 2														
22F039/415 12:02:43		SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-15	153.3/38.8	23/-33	308/10:40:17	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0055/05	1			
		CALIBRATION FRAME														
21F040/415 12:09:59		SINGLE	220.0/272.5	-50	.04	8/2	1	3	REC/UH	16K	-12	155.5/39.3	201/-34	308/10:47:34	04:41.2	
		BB1	ISDR 1308	0	0	6	3		116.93	57.05		FN0055/06	2			
		SURFACE MONITOR														
22F041/416 10:12:50		SINGLE	177.5/180.0	20	.04	4/2	1	2	REC/UH	16K	-31	124.5/27.2	358/-19	309/09:29:59	00:14.5	
		SUN	ISDR 62	0	0	2	1		31.13	2.18		FN0055/07	1			
		AM DAILY SUN DIODE														
22F042/416 15:52:50		SINGLE	205.0/265.0	10	.12	1/3	10	5	REC/UH	16K	-12	224.0/33.1	94/-37	309/15:09:59	01:47.9	
		BLU	ISDR 496	0	0	5	2		86.64	54.58		FN0055/08	1			
		SKY BRIGHTNESS														
22F043/416 15:55:59		SINGLE	95.0/205.0	10	.12	1/3	1	4	REC/UH	16K	-12	224.8/32.7	95/-37	309/15:13:08	03:16.7	
		BLU	ISDR 919	918	1	0	0		98.70	38.34		FN0055/09	2			
		SKY BRIGHTNESS														
22F044/417 09:24:59		SINGLE	95.0/115.0	-50	.04	8/2	1	4	REC/UH	16K	-27	114.0/20.6	348/-12	310/09:21:43	01:47.9	
		BB1	ISDR 501	501	1	1	1		39.32	11.75		FN0055/10	1			
		SURFACE MONITOR														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22F045/417	10:12:30	SINGLE	177.5/180.0	20	.04	4/2	1	2	REC/UH	16K	-25	124.3/27.3	357/-19	310/10:09:14	00:14.5	
		SUN	ISDR	65	64	1	0	0	32.20	13.29		FN0055/11	1			
		AM DAILY SUN DIODE														
21F046/417	10:53:16	SINGLE	230.0/240.0	-30	.04	0/2	1	4	REC/UH	16K	-17	134.1/32.5	182/-25	310/10:50:00	00:54.5	
		BB2	ISDR	250	0	0	1	1	66.51	24.81		FN0055/12	1			
		DEEP HOLE#1, DURING ACQ														
22F047/417	10:55:06	SINGLE	40.0/ 50.0	-30	.04	13/2	1	4	REC/UH	16K	-23	134.6/32.7	7/-26	310/10:51:50	00:54.5	
		BB3	ISDR	253	251	2	0	0	65.35	30.06		FN0055/13	1			
		DEEP HOLE#1, DURING ACQ														
21F048/417	12:35:59	SINGLE	230.0/240.0	-30	.04	0/2	1	4	REC/UH	16K	-12	163.6/41.2	208/-37	310/12:32:43	00:54.5	
		BB2	ISDR	253	251	2	0	0	102.09	26.18		FN0055/14	1			
		DEEP HOLE#1, POST ACQ.														
22F049/417	12:37:59	SINGLE	40.0/ 50.0	-30	.04	13/2	1	4	REC/UH	16K	-17	164.2/41.3	33/-37	310/12:34:43	00:54.5	
		BB3	ISDR	253	251	2	0	0	96.71	33.36		FN0055/15	1			
		DEEP HOLE#1, POST ACQ.														
21F050/417	12:39:59	SINGLE	265.0/275.0	-30	.04	0/2	1	4	REC/UH	16K	-12	164.9/41.4	209/-37	310/12:36:43	00:54.5	
		BB2	ISDR	250	0	0	1	1	101.52	25.64		FN0055/16	1			
		DIURN.TRENCH/PHYS.PROPS														
21F051/417	14:54:56	SINGLE	30.0/332.5	0	.04	5/2	1	4	RT/UH	16K	-4	208.2/38.8	252/-41	310/14:51:40	26:53.0	
		BB4	ISDR	7531	0	0	33	16	115.19	46.85		FN0055/17	9			
		SURFACE MONITOR														
22F052/417	15:22:29	SINGLE	15.0/237.5	0	.04	5/2	1	4	RT/UH	16K	-4	216.1/36.5	85/-40	310/15:19:13	19:54.0	
		BB4	ISDR	5548	5564	33	49	25	111.86	75.16		FN0055/18	7			
		SURFACE MONITOR														
22F053/417	15:43:03	SINGLE	15.0/205.0	-30	.12	1/3	1	4	RT/UH	16K	-6	221.7/34.3	91/-38	310/15:39:47	05:39.0	
		BLU	ISDR	1586	1584	5	3	2	73.17	37.25		FN0055/19	2			
		FROST SITE MONITOR														
22F054/418	10:13:39	SINGLE	177.5/180.0	20	.04	4/2	1	2	REC/UH	16K	-21	124.5/27.7	358/-20	311/10:49:59	00:14.5	
		SUN	ISDR	65	64	1	0	0	31.87	6.61		FN0055/20	1			
		AM DAILY SUN DIODE														
22F055/419	10:14:05	SINGLE	177.5/180.0	20	.04	4/2	1	2	REC/UH	16K	-25	124.5/28.0	358/-20	312/11:30:00	00:14.5	
		SUN	ISDR	65	64	1	0	0	31.18	2.84		FN0055/21	1			
		AM DAILY SUN DIODE														
22F056/420	08:29:29	SINGLE	157.5/160.0	10	.04	4/2	1	0	REC/UH	16K	-25	102.9/12.6	338/- 4	313/10:25:00	00:14.5	
		SUN	ISDR	65	64	1	0	0	135.17	2.47		FN0055/22	1			
		DIURNAL SUN														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA-TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22F057/420	08:59:29	SINGLE	162.5/165.0	20	.04	4/2	1	1	REC/UH	16K	-25	108.7/17.3	343/- 9	313/10:55:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		67.56	2.97		FN0055/23	1			
		DIURNAL SUN														
22F058/420	09:49:29	SINGLE	172.5/175.0	20	.04	4/2	1	2	REC/UH	16K	-23	119.0/24.8	353/-17	313/11:45:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.22	2.97		FN0055/24	1			
		DIURNAL SUN														
22F059/420	10:29:29	SINGLE	180.0/182.5	20	.04	4/2	1	2	REC/UH	16K	-21	128.1/30.2	1/-23	313/12:25:00	00:14.5	
		SUN	ISDR 67	64	3	0	0		32.74	14.70		FN0055/25	1			
		DIURNAL SUN														
22F060/420	11:30:29	SINGLE	195.0/197.5	30	.04	4/2	1	2	REC/UH	16K	-17	143.9/37.2	15/-31	313/13:26:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.55	4.97		FN0055/26	1			
		DIURNAL SUN														
21F061/420	17:04:29	SINGLE	110.0/112.5	30	.04	4/2	1	2	REC/UH	16K	-8	241.7/24.4	290/-30	313/18:59:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		32.25	4.80		FN0055/27	1			
		DIURNAL SUN														
21F062/420	17:34:29	SINGLE	117.5/120.0	30	.04	4/2	1	1	REC/UH	16K	-8	248.0/19.9	297/-27	313/19:29:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		63.85	5.56		FN0055/28	1			
		DIURNAL SUN														
21F063/420	18:09:29	SINGLE	125.0/127.5	20	.04	4/2	1	1	REC/UH	16K	-8	254.9/14.5	304/-22	313/20:04:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		63.47	5.09		FN0056/01	1			
		DIURNAL SUN														
21F064/421	16:59:52	SINGLE	110.0/112.5	30	.04	4/2	1	2	REC/UH	16K	-6	240.9/25.1	289/-31	314/19:34:58	00:14.5	
		SUN	ISDR 65	64	1	0	0		32.63	8.39		FN0056/02	1			
		PM DAILY SUN DIOE														
22F065/422	10:26:18	SINGLE	180.0/182.5	30	.04	4/2	1	2	REC/UH	16K	-23	127.2/30.3	/-23	315/13:40:59	00:14.5	
		SUN	ISDR 62	0	0	2	1		31.68	5.99		FN0056/03	1			
		AM DAILY SUN DIODE														
22F066/423	10:26:43	SINGLE	180.0/182.5	30	.04	4/2	1	2	REC/UH	16K	-31	127.3/30.5	/-23	316/14:20:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.32	4.36		FN0056/04	1			
		AM DAILY SUN DIODE														
21F067/423	16:50:44	SINGLE	107.5/110.0	30	.04	4/2	1	2	REC/UH	16K	-13	239.3/26.7	287/-33	316/20:45:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		32.30	8.75		FN0056/05	1			
		PM DAILY SUN DIODE														
22F068/426	08:03:00	IR	192.5/195.0	10	.12	9/1	1	4	REC/UH	16K	-23	97.5/ 9.6	332/- 1	319/13:56:01	00:14.5	
		IR3	ISDR 21	0	0	1	1		73.14	23.55		FN0056/06	1			
		IR2	ISDR 21	0	0	1	1		72.75	22.97		FN0056/07	1			
		IR1	ISDR 20	0	0	2	1		74.98	28.45		FN0056/08	1			
		COLOR STUDY														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22F069/426	08:04:30	COLOR	192.5/195.0	10	.12	1/1	1	4	REC/UH	16K	-23	97.7/ 9.9	332/- 1	319/13:57:31	00:14.5	
		BLU	ISDR	21	0	0	1	1	157.29	60.40		FN0056/09	1			
		GRN	ISDR	21	0	0	1	1	134.45	56.66		FN0056/10	1			
		RED	ISDR	20	0	0	2	1	100.64	49.79		FN0056/11	1			
		COLOR STUDY														
22F070/426	08:31:58	SINGLE	157.5/160.0	10	.04	4/2	1	1	REC/UH	16K	-23	102.9/14.3	337/- 6	319/14:24:59	00:14.5	
		SUN	ISDR	65	64	1	0	0	68.09	2.80		FN0056/12	1			
		COLOR STUDY														
22F071/426	09:02:59	IR	202.5/205.0	10	.12	9/1	1	5	REC/UH	16K	-23	108.9/19.1	343/-11	319/14:56:01	00:14.5	
		IR3	ISDR	21	0	0	1	1	66.36	20.76		FN0056/13	1			
		IR2	ISDR	21	0	0	1	1	66.23	20.86		FN0056/14	1			
		IR1	ISDR	20	0	0	2	1	70.83	23.81		FN0056/15	1			
		COLOR STUDY														
22F072/426	09:04:29	COLOR	202.5/205.0	10	.12	1/1	5	5	REC/UH	16K	-23	109.2/19.4	343/-11	319/14:57:31	00:14.5	
		BLU	ISDR	21	0	0	1	1	112.24	33.61		FN0056/16	1			
		GRN	ISDR	21	0	0	1	1	99.90	29.66		FN0056/17	1			
		RED	ISDR	20	0	0	2	1	80.43	23.07		FN0056/18	1			
		COLOR STUDY														
22F073/426	10:02:59	IR	215.0/217.5	10	.12	9/1	5	5	REC/UH	16K	-19	121.6/28.0	355/-20	319/15:56:01	00:14.5	
		IR3	ISDR	21	0	0	1	1	53.18	15.93		FN0056/19	1			
		IR2	ISDR	21	0	0	1	1	53.00	15.53		FN0056/20	1			
		IR1	ISDR	20	0	0	2	1	59.40	18.98		FN0056/21	1			
		COLOR STUDY														
22F074/426	10:04:29	COLOR	215.0/217.5	10	.12	1/1	5	5	REC/UH	16K	-19	121.9/28.2	355/-20	319/15:57:31	00:14.5	
		BLU	ISDR	21	0	0	1	1	124.50	33.18		FN0056/22	1			
		GRN	ISDR	21	0	0	1	1	108.91	32.81		FN0056/23	1			
		RED	ISDR	20	0	0	2	1	85.85	31.27		FN0056/24	1			
		COLOR STUDY														
22F075/426	11:01:44	SINGLE	187.5/190.0	30	.04	4/2	1	2	REC/UH	16K	-15	135.9/35.5	8/-28	319/16:54:46	00:14.5	
		SUN	ISDR	65	64	1	0	0	31.77	6.40		FN0056/25	1			
		SUN DIODE														
22F076/426	11:02:59	IR	227.5/230.0	10	.12	9/1	5	5	REC/UH	16K	-17	136.3/35.6	8/-29	319/16:56:01	00:14.5	
		IR3	ISDR	21	0	0	1	1	60.58	15.16		FN0056/26	1			
		IR2	ISDR	21	0	0	1	1	60.27	14.83		FN0056/27	1			
		IR1	ISDR	20	0	0	2	1	67.67	17.38		FN0056/28	1			
		COLOR STUDY														
22F077/426	11:04:29	COLOR	227.5/230.0	10	.12	1/1	5	5	REC/UH	16K	-17	136.7/35.8	8/-29	319/16:57:31	00:14.5	
		BLU	ISDR	21	0	0	1	1	118.07	42.95		FN0056/29	1			
		GRN	ISDR	21	0	0	1	1	109.24	40.65		FN0056/30	1			
		RED	ISDR	20	0	0	2	1	94.68	33.71		FN0056/31	1			
		COLOR STUDY														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22F078/426	12:02:59	IR	242.5/245.0	10	.12	9/1	5	5	REC/UH	16K	-13	153.5/41.3	23/-36	319/17:56:01	00:14.5	
		IR3	ISDR	21	0	0	1	1	60.20	14.51		FN0056/32	1			
		IR2	ISDR	21	0	0	1	1	59.46	14.28		FN0056/33	1			
		IR1	ISDR	20	0	0	2	1	67.11	16.20		FN0056/34	1			
		COLOR STUDY														
22F079/426	12:04:29	COLOR	242.5/245.0	10	.12	1/1	5	5	REC/UH	16K	-13	154.0/41.4	23/-36	319/17:57:31	00:14.5	
		BLU	ISDR	21	0	0	1	1	119.02	36.74		FN0056/35	1			
		GRN	ISDR	21	0	0	1	1	112.95	33.51		FN0056/36	1			
		RED	ISDR	20	0	0	2	1	98.80	27.41		FN0056/37	1			
		COLOR STUDY														
22F080/426	14:09:29	COLOR	202.5/205.0	10	.12	1/1	5	5	REC/UH	16K	-10	195.5/43.3	62/-43	319/20:02:31	00:14.5	
		BLU	ISDR	21	0	0	1	1	88.90	22.17		FN0056/38	1			
		GRN	ISDR	21	0	0	1	1	86.50	22.89		FN0056/39	1			
		RED	ISDR	20	0	0	2	1	76.33	21.49		FN0056/40	1			
		COLOR STUDY														
22F081/426	16:13:59	IR	242.5/245.0	10	.12	9/1	5	5	REC/UH	16K	-6	231.4/32.0	102/-37	319/22:07:01	00:14.5	
		IR3	ISDR	21	0	0	1	1	51.73	12.65		FN0056/41	1			
		IR2	ISDR	21	0	0	1	1	50.62	12.26		FN0056/42	1			
		IR1	ISDR	20	0	0	2	1	55.79	13.81		FN0056/43	1			
		COLOR STUDY														
22F082/426	16:15:29	COLOR	242.5/245.0	10	.12	1/1	5	5	REC/UH	16K	-6	231.7/31.8	102/-37	319/22:08:31	00:14.5	
		BLU	ISDR	21	0	0	1	1	96.07	29.38		FN0056/44	1			
		GRN	ISDR	21	0	0	1	1	92.51	27.81		FN0056/45	1			
		RED	ISDR	20	0	0	2	1	80.76	22.91		FN0056/46	1			
		COLOR STUDY														
21F083/426	16:56:57	SINGLE	110.0/112.5	30	.04	4/2	1	2	REC/UH	16K	-4	241.3/26.2	289/-32	319/22:49:59	00:14.5	
		SUN	ISDR	65	64	1	0	0	32.34	5.00		FN0056/47	1			
		COLOR STUDY														
21F084/426	18:06:47	SINGLE	125.0/127.5	20	.04	4/2	1	1	REC/UH	16K	-4	255.6/15.6	305/-23	319/23:59:49	00:14.5	
		SUN	ISDR	59	0	0	5	2	63.49	5.48		FN0056/48	1			
		PM SUN DIODE														
22F085/426	18:07:59	IR	270.0/272.5	10	.12	9/1	1	5	REC/UH	16K	-8	255.8/15.4	129/-23	320/00:01:01	00:14.5	
		IR3	ISDR	20	0	0	2	1	65.96	20.46		FN0056/49	1			
		IR2	ISDR	20	0	0	2	1	65.11	20.13		FN0056/50	1			
		IR1	ISDR	20	0	0	2	1	68.93	21.71		FN0056/51	1			
		COLOR STUDY														
22F086/426	18:09:29	COLOR	270.0/272.5	10	.12	1/1	1	5	REC/UH	16K	-8	256.1/15.2	130/-22	320/00:02:31	00:14.5	
		BLU	ISDR	22	0	0	0	0	108.55	43.10		FN0056/52	1			
		GRN	ISDR	21	0	0	1	1	101.78	38.34		FN0056/53	1			
		RED	ISDR	21	0	0	1	1	88.10	32.15		FN0056/54	1			
		COLOR STUDY														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST
			DATA TOTAL RECORD LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS		
22F087/427	10:16:28	SINGLE	87.5/ 95.0	-30	.04	0/2	1	4	REC/UH	16K	-29	124.6/30.1	358/-22	320/16:49:05	00:41.2
		BB2	ISDR 190	189	1	0	0		69.80	28.41		FN0056/55	1		
		REPRO F/C 22C084/111													
21F088/428	16:57:47	SINGLE	110.0/112.5	30	.04	4/2	1	2	REC/UH	16K	-2	241.9/26.3	290/-32	322/00:10:00	00:14.5
		SUN	ISDR 65	64	1	0	0		32.24	3.74		FN0056/56	1		
		PM SUN DIODE													
21F089/429	08:24:58	SINGLE	255.0/257.5	-50	.04	8/2	1	3	REC/UH	16K	-19	101.3/13.8	152/- 5	322/16:16:46	00:14.5
		BB1	ISDR 65	64	1	0	0		42.43	10.38		FN0056/57	1		
		REPRO F/C 22C081/111													
21F090/429	16:58:11	SINGLE	110.0/112.5	30	.04	4/2	1	2	REC/UH	16K	-2	242.2/26.4	290/-32	323/00:49:58	00:14.5
		SUN	ISDR 65	64	1	0	0		32.21	4.26		FN0056/58	1		
		PM SUN DIODE													
22F091/431	10:34:01	SINGLE	180.0/182.5	30	.04	4/2	1	2	REC/UH	16K	-25	128.6/33.2	1/-26	324/19:44:59	00:14.5
		SUN	ISDR 62	0	0	2	1		31.16	2.90		FN0056/59	1		
		AM SUN DIODE													
21F092/431	16:54:01	SINGLE	110.0/112.5	30	.04	4/2	1	2	REC/UH	16K	-10	241.7/27.2	289/-33	325/02:04:59	00:14.5
		SUN	ISDR 62	0	0	2	1		31.71	4.02		FN0057/01	1		
		AM SUN DIODE													
22F093/432	10:33:11	SINGLE	180.0/182.5	30	.04	4/2	1	2	REC/UH	16K	-25	128.4/33.4	1/-26	325/20:23:44	00:14.5
		SUN	ISDR 62	0	0	2	1		31.34	4.73		FN0057/02	1		
		AM SUN DIODE													
21F094/432	12:59:59	SINGLE	217.5/260.0	-30	.12	1/3	1	4	REC/UH	16K	-10	172.6/45.3	216/-42	325/22:50:33	01:16.7
		BLU	ISDR 354	0	0	1	1		83.18	28.78		FN0057/03	1		
		FROST SITE MON													
22F095/433	10:34:50	SINGLE	180.0/182.5	30	.04	4/2	1	2	REC/UH	16K	-19	128.8/33.8	1/-26	326/21:04:59	00:14.5
		SUN	ISDR 65	64	1	0	0		31.25	3.67		FN0057/04	1		
		AM DAILY SUN DIODE													
22F096/433	12:29:59	SINGLE	270.0/315.0	-20	.12	1/3	1	4	REC/UH	16K	-13	162.4/44.5	31/-40	326/23:00:08	01:21.2
		BLU	ISDR 379	376	3	0	0		65.85	48.15		FN0057/05	1		
		FROST SITE MONITOR													
21F097/433	12:59:59	SINGLE	40.0/ 60.0	-20	.12	1/3	1	4	REC/UH	16K	-8	172.7/45.5	216/-42	326/23:30:08	00:36.7
		BLU	ISDR 171	168	3	0	0		75.95	41.02		FN0057/06	1		
		FROST SITE MONITOR													
22F098/435	10:35:40	SINGLE	180.0/182.5	30	.04	4/2	1	2	REC/UH	16K	-21	128.9/34.3	1/-27	328/22:24:59	00:14.5
		SUN	ISDR 67	64	3	0	0		32.36	12.25		FN0057/07	1		
		AM DAILY SUN DIODE													

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS					
22F099/437	10:36:28	SINGLE	180.0/182.5	30	.04	4/2	1	2	REC/UH	16K	-23	129.0/34.9	1/-27	330/23:44:58	00:14.5	
		SUN	ISDR 62	0	0	2	1		31.45	6.14		FN0057/08	1			
		AM DAILY SUN DIODE														
21F100/439	07:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-19	95.9/11.9	147/- 3	332/22:27:40	00:10.1	
		BB1	ISDR 44	43	1	0	0		61.32	39.26		FN0057/09	1			
		SCAN VER SEQUENCE														
21F101/439	09:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-13	120.1/30.4	169/-22	333/00:27:40	00:10.1	
		BB1	ISDR 41	0	0	2	1		60.93	38.97		FN0057/10	1			
		SCAN VER SEQUENCE														
22F102/439	10:37:19	SINGLE	180.0/182.5	30	.04	4/2	1	2	REC/UH	16K	-17	129.1/35.4	1/-28	333/01:04:59	00:14.5	
		SUN	ISDR 67	64	3	0	0		32.14	11.63		FN0057/11	1			
		AM DAILY SUN DIODE														
22F103/439	10:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-17	135.1/38.2	6/-31	333/01:27:39	00:10.1	
		BB1	ISDR 45	43	2	0	0		48.57	24.20		FN0057/12	1			
		SCAN VER SEQUENCE														
21F104/439	12:00:01	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-8	152.9/43.9	198/-38	333/02:27:41	00:10.1	
		BB1	ISDR 45	43	2	0	0		54.01	35.07		FN0057/13	1			
		SCAN VER SEQ W/CAL														
21F105/439	11:59:43	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-10	152.8/43.9	198/-38	333/02:27:23	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0057/14	1			
		CALIBRATION FRAME														
21F106/439	13:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-4	194.4/46.2	237/-46	333/04:27:39	00:10.1	
		BB1	ISDR 45	43	2	0	0		47.77	29.90		FN0057/15	1			
		SCAN VER SEQUENCE														
21F107/439	15:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-4	230.7/35.5	276/-40	333/06:27:39	00:10.1	
		BB1	SDR 46	314	3	0	0		126.49	60.36		FN0057/16	1			
		SCAN VER SEQUENCE														
21F108/440	17:32:46	SINGLE	165.0/217.5	-30	.12	1/3	1	3	RT/UH	16K	-4	251.8/22.4	301/-29	334/08:40:01	01:34.0	
		BLU	ISDR 440	439	1	0	0		63.95	32.91		FN0057/17	1			
		FROST SITE MONITOR														
22F109/442	10:13:34	SINGLE	175.0/177.5	30	.04	4/2	1	2	REC/UH	16K	-25	123.1/32.9	356/-25	336/02:40:00	00:14.5	
		SUN	ISDR 62	0	0	2	1		31.37	5.21		FN0057/18	1			
		AM DAILY SUN DIODE														
21F110/442	14:02:00	SINGLE	230.0/240.0	-30	.04	0/2	1	4	REC/UH	16K	-10	195.7/46.6	238/-47	336/06:28:26	00:54.5	
		BB2	ISDR 250	0	0	1	1		132.36	22.57		FN0057/19	1			
		DEEP HOLE#1,DURING ACQ.														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21F111/442	17:03:34	SINGLE	115.0/117.5	30	.04	4/2	1	2	REC/UH	16K	-10	246.2/27.0	294/-33	336/09:30:00	00:14.5	
		SUN	ISDR	65	64	1	0	0	32.07	4.30		FN0057/20	1			
		ORBITER/LNDR SUN DIODE														
21F112/442	17:58:34	SINGLE	127.5/130.0	30	.04	4/2	1	2	REC/UH	16K	-10	257.3/18.5	307/-26	336/10:24:59	00:14.5	
		SUN	ISDR	67	64	3	0	0	33.57	10.89		FN0057/21	1			
		ORBITER/LNDR SUN DIODE														
22F113/443	13:59:59	SINGLE	40.0/ 50.0	-30	.04	13/2	1	4	REC/UH	16K	-8	195.1/46.9	61/-47	337/07:06:00	00:54.5	
		BB3	ISDR	252	251	1	0	0	120.55	43.78		FN0057/22	1			
		DEEP HOLE #1, POST ACQ.														
21F114/443	14:01:59	SINGLE	230.0/240.0	-30	.04	0/2	1	4	REC/UH	16K	-4	195.8/46.8	238/-47	337/07:08:00	00:54.5	
		BB2	ISDR	246	0	0	5	2	124.73	22.19		FN0057/23	1			
		DEEP HOLE #1, POST ACQ.														
21F115/445	17:44:42	SINGLE	125.0/127.5	30	.04	4/2	1	2	REC/UH	16K	0	255.2/21.0	304/-28	339/12:09:54	00:14.5	
		SUN	ISDR	62	0	0	2	1	33.08	4.52		FN0057/24	1			
		PM DAILY SUN DIODE														
22F116/446	05:25:07	COLOR	122.5/122.5	10	.12	1/1	1	0	REC/UH	250	0	67.1/-11	301/ 18	340/00:29:54	24:11.2	R
		BLU	ISDR	33	2	33	1	1	164.04	22.14		FN0057/25	1			
		GRN	ISDR	34	2	33	0	0	161.81	19.10		FN0057/26	1			
		RED	ISDR	34	2	33	0	0	155.90	12.57		FN0057/27	1			
		AM TWILIGHT RESCAN														
22F117/446	05:51:12	COLOR	127.5/127.5	10	.12	1/1	1	1	REC/UH	250	-23	72.0/- 7	306/ 14	340/00:55:59	24:11.2	R
		BLU	ISDR	33	2	33	1	1	115.77	48.48		FN0057/28	1			
		GRN	ISDR	34	2	33	0	0	114.15	45.29		FN0057/29	1			
		RED	ISDR	34	2	33	0	0	110.42	41.10		FN0057/30	1			
		AM TWILIGHT RESCAN														
22F118/446	06:17:17	COLOR	132.5/132.5	10	.12	1/1	1	4	REC/UH	250	-23	76.8/- 3	311/ 10	340/01:22:04	24:11.2	R
		BLU	ISDR	34	2	33	0	0	107.38	60.08		FN0057/31	1			
		GRN	ISDR	34	2	33	0	0	97.48	56.99		FN0057/32	1			
		RED	ISDR	34	2	33	0	0	75.92	42.88		FN0057/33	1			
		AM TWILIGHT RESCAN														
22F119/446	07:34:54	SINGLE	145.0/147.5	10	.04	4/2	1	0	REC/UH	16K	-19	90.8/ 9.2	326/- 1	340/02:39:41	00:14.5	
		SUN	ISDR	62	0	0	2	1	135.27	1.76		FN0057/34	1			
		CAMERA COMPARISON SEQ.														
21F120/446	07:36:54	SINGLE	322.5/325.0	10	.04	4/2	1	0	REC/UH	16K	-17	91.2/ 9.6	142/- 1	340/02:41:41	00:14.5	
		SUN	ISDR	62	0	0	2	1	122.28	2.22		FN0057/35	1			
		CAMERA COMPARISON SEQ.														

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VL-2 CAMERA EVENT REPORT

CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22F121/446 08:17:07	SINGLE	152.5/155.0	10	.04	4/2	1	1	REC/UH	16K	-17	98.6/16.1	333/- 7	340/03:21:54	00:14.5	
	SUN	ISDR 62	0	0	2	1		67.85	3.57		FN0057/36	1			
	CAMERA COMPARISON SEQ.														
21F122/446 08:19:07	SINGLE	330.0/332.5	10	.04	4/2	1	1	REC/UH	16K	-17	99.0/16.4	150/- 8	340/03:23:54	00:14.5	
	SUN	ISDR 65	64	1	0	0		63.96	10.29		FN0057/37	1			
	CAMERA COMPARISON SEQ.														
22F123/446 10:00:07	SINGLE	172.5/175.0	30	.04	4/2	1	2	REC/UH	16K	-15	119.8/31.9	353/-24	340/05:04:54	00:14.5	
	SUN	ISDR 65	64	1	0	0		31.89	5.79		FN0057/38	1			
	AM DAILY SUN DIOE														
21F124/446 11:24:54	SINGLE	280.0/310.0	-30	.04	0/2	1	4	REC/UH	16K	-6	142.1/42.4	188/-36	340/06:29:41	02:41.2	
	BB2	ISDR 752	751	1	0	0		76.68	32.37		FN0057/39	1			
	SURFACE MONITOR														
22F125/446 11:29:54	SINGLE	85.0/162.5	-30	.04	0/2	1	4	REC/UH	16K	-12	143.6/42.9	14/-36	340/06:34:41	06:54.5	
	BB2	ISDR 1936	0	0	3	2		92.62	37.20		FN0057/40	3			
	SURFACE MONITOR														
21F126/446 15:29:55	SINGLE	215.0/222.5	-30	.04	0/2	1	4	REC/UH	16K	0	224.2/40.1	269/-44	340/10:34:42	00:41.2	
	BB2	ISDR 190	189	1	0	0		102.59	25.13		FN0057/41	1			
	MONITOR NEAR NOTCH PILE														
21F127/446 17:44:55	SINGLE	125.0/127.5	30	.04	4/2	1	2	REC/UH	16K	0	255.5/21.1	305/-28	340/12:49:42	00:14.5	
	SUN	ISDR 62	0	0	2	1		33.97	4.35		FN0057/42	1			
	PM DAILY SUN DIODE														
22F128/447 10:00:33	SINGLE	172.5/175.0	30	.04	4/2	1	2	REC/UH	16K	-17	119.8/32.2	353/-24	341/05:44:55	00:14.5	
	SUN	ISDR 65	64	1	0	0		31.81	6.45		FN0057/43	1			
	AM DAILY SUN DIODE														
21F129/447 10:58:55	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-10	134.6/39.8	182/-33	341/06:43:17	00:10.1	
	BB1	ISDR 45	43	2	0	0		60.13	43.37		FN0057/44	1			
	SCAN VER & CAL - CAM 1														
21F130/447 10:59:05	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-8	134.6/39.8	182/-33	341/06:43:27	00:18.0	
	CAL	SDR 84	0	0	0	0		.00	.00		FN0057/45	1			
	CALIBRATION FRAME														
22F131/447 11:00:55	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-13	135.1/40.0	6/-33	341/06:45:17	00:10.1	
	BB1	ISDR 45	43	2	0	0		48.93	24.46		FN0057/46	1			
	SCAN VER & CAL - CAM 2														
22F132/447 11:01:05	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-13	135.2/40.0	6/-33	341/06:45:27	00:18.0	
	CAL	SDR 84	0	0	0	0		.00	.00		FN0057/47	1			
	CALIBRATION FRAME														

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VL-2 CAMERA EVENT REPORT

CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA TOTAL RECORD LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21F133/447 17:40:32	SINGLE	125.0/127.5	30	.04	4/2	1	2	REC/UH	16K	-2	254.8/21.8	304/-29	341/13:24:54	00:14.5	
	SUN ISDR	62	0	0	2	1		33.06	5.40		FN0057/48	1			
	PM DAILY SUN DIODE														
22F134/447 19:10:47	SINGLE	55.0/162.5	-50	.04	8/2	1	1	RT/UH	16K	-10	271.7/ 7.3	146/-15	341/14:55:09	09:35.0	
	BB1 ISDR	2695	2689	6	0	0		114.60	20.14		FN0057/49	4			
	SURFACE MONITOR														
22F135/448 10:16:02	SINGLE	175.0/177.5	30	.04	4/2	1	2	REC/UH	16K	-15	123.4/34.6	356/-27	342/06:40:00	00:14.5	
	SUN ISDR	65	64	1	0	0		31.68	6.54		FN0058/01	1			
	AM DAILY SUN DIODE														
21F136/448 17:41:02	SINGLE	125.0/127.5	30	.04	4/2	1	2	REC/UH	16K	-4	255.1/21.9	304/-29	342/14:04:59	00:14.5	
	SUN ISDR	65	64	1	0	0		32.74	5.21		FN0058/02	1			
	PM DAILY SUN DIODE														
22F137/449 10:16:26	SINGLE	175.0/177.5	30	.04	4/2	1	2	REC/UH	16K	-23	123.5/34.8	356/-27	343/07:19:58	00:14.5	
	SUN ISDR	65	64	1	0	0		31.51	6.23		FN0058/03	1			
	AM DAILY SUN DIODE														
22F138/449 10:59:59	COLOR	305.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	-21	134.8/40.3	6/-33	343/08:03:31	00:27.9	
	BLU ISDR	42	0	0	1	1		64.89	44.15		FN0058/04	1			
	GRN ISDR	42	0	0	1	1		73.38	47.43		FN0058/05	1			
	RED ISDR	41	0	0	2	1		89.52	51.96		FN0058/06	1			
	RTC #2, COLOR														
22F139/449 11:02:29	IR	305.0/310.0	-10	.12	9/1	1	4	REC/UH	16K	-21	135.5/40.6	7/-34	343/08:06:01	00:27.9	
	IR3 ISDR	42	0	0	1	1		66.67	40.65		FN0058/07	1			
	IR2 ISDR	42	0	0	1	1		64.73	40.24		FN0058/08	1			
	IR1 ISDR	41	0	0	2	1		72.22	43.24		FN0058/09	1			
	RTC#2, IR														
22F140/449 11:03:59	COLOR	97.5/165.0	-30	.12	1/1	1	4	REC/UH	16K	-19	135.9/40.8	7/-34	343/08:07:31	06:01.2	
	BLU ISDR	562	0	0	2	1		66.79	42.33		FN0058/10	1			
	GRN ISDR	562	0	0	2	1		74.45	42.73		FN0058/11	1			
	RED ISDR	561	0	0	3	1		98.57	47.77		FN0058/12	1			
	SURFACE MONITOR, CLR														
22F141/449 11:10:59	IR	142.5/165.0	-30	.12	9/1	1	4	REC/UH	16K	-19	137.9/41.6	9/-35	343/08:14:31	02:01.2	
	IR3 ISDR	188	0	0	1	1		72.98	50.09		FN0058/13	1			
	IR2 ISDR	187	0	0	2	1		72.19	49.76		FN0058/14	1			
	IR1 ISDR	187	0	0	2	1		81.65	55.49		FN0058/15	1			
	SURFACE MONITOR, IR														
21F142/449 12:44:59	COLOR	235.0/260.0	-20	.12	1/1	1	4	REC/UH	16K	-10	168.8/48.5	211/-45	343/09:48:31	02:14.5	
	BLU ISDR	208	0	0	1	1		96.99	31.22		FN0058/16	1			
	GRN ISDR	208	0	0	1	1		112.93	33.48		FN0058/17	1			
	RED ISDR	208	0	0	1	1		126.31	31.47		FN0058/18	1			
	REPRO. SAM SURFACE MON.														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS				
22F143/449	13:29:59	COLOR	287.5/315.0		-30	.12	1/1	1	4	REC/UH	16K	-12	185.4/48.9	51/-47	343/10:33:31	02:27.9
		BLU	ISDR	229	0	0	1	1		64.88	36.40		FN0058/19	1		
		GRN	ISDR	229	0	0	1	1		69.01	39.15		FN0058/20	1		
		RED	ISDR	229	0	0	1	1		86.85	47.53		FN0058/21	1		
		MON. RTC & GRID, CLR														
21F144/449	14:01:59	COLOR	260.0/287.5		-30	.12	1/1	1	4	REC/UH	16K	-6	196.9/47.9	238/-48	343/11:05:31	02:27.9
		BLU	ISDR	229	0	0	1	1		94.35	40.78		FN0058/22	1		
		GRN	ISDR	228	0	0	2	1		108.36	41.93		FN0058/23	1		
		RED	ISDR	228	0	0	2	1		119.73	41.38		FN0058/24	1		
		REPRO. SAM SURFACE MON.														
21F145/449	17:41:25	SINGLE	125.0/127.5		30	.04	4/2	1	2	REC/UH	16K	-4	255.4/21.9	305/-29	343/14:44:58	00:14.5
		SUN	ISDR	65	64	1	0	0		32.85	5.46		FN0058/25	1		
		PM DAILY SUN DIODE														
21F146/450	17:09:43	SINGLE	210.0/272.5		-50	.04	8/2	1	3	RT/UH	16K	-2	249.2/26.9	298/-34	344/14:52:51	05:35.0
		BB1	ISDR	1556	1564	6	14	1		108.85	40.88		FN0058/26	2		
		SURFACE MONITOR														
21F147/450	18:26:52	SINGLE	135.0/137.5		20	.04	4/2	1	2	REC/UH	16K	-2	264.3/14.7	314/-22	344/16:10:00	00:14.5
		SUN	ISDR	65	64	1	0	0		32.50	2.73		FN0058/27	1		
		ORBITER/LANDER SUN DIODE														
22F148/451	10:02:16	SINGLE	172.5/175.0		30	.04	4/2	1	2	REC/UH	16K	-17	120.0/33.3	353/-25	345/08:24:59	00:14.5
		SUN	ISDR	65	64	1	0	0		31.58	5.43		FN0058/28	1		
		AM DAILY SUN DIODE														
22F149/451	10:52:00	SINGLE	135.0/175.0		10	.12	1/3	1	5	REC/UH	16K	-15	132.6/39.8	4/-33	345/09:14:43	01:12.3
		BLU	ISDR	336	334	2	0	0		134.17	66.99		FN0058/29	1		
		AM SKY BRIGHTNESS														
22F150/451	10:54:00	SINGLE	5.0/135.0		10	.12	1/3	1	4	REC/UH	16K	-13	133.1/40.1	4/-33	345/09:16:43	03:52.3
		BLU	ISDR	1079	0	0	5	3		110.35	51.50		FN0058/30	2		
		AM SKY BRIGHTNESS														
21F151/451	18:27:16	SINGLE	135.0/137.5		20	.04	4/2	1	2	REC/UH	16K	-2	264.6/14.7	315/-22	345/16:50:00	00:14.5
		SUN	ISDR	65	64	1	0	0		31.99	2.97		FN0058/31	1		
		ORBITER/LANDER SUN DIODE														
22F152/452	09:29:59	SINGLE	60.0/ 97.5		-50	.04	8/2	1	3	REC/UH	16K	-19	112.7/28.8	346/-20	346/08:32:18	03:21.2
		BB1	ISDR	934	0	0	5	2		117.89	48.78		FN0058/32	2		
		SURFACE MONITOR														
22F153/452	09:52:41	SINGLE	170.0/172.5		30	.04	4/2	1	2	REC/UH	16K	-17	117.7/32.1	351/-24	346/08:55:00	00:14.5
		SUN	ISDR	65	64	1	0	0		31.78	6.56		FN0058/33	1		
		AM DAILY SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST	RSCN
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21F154/452	10:59:59	SINGLE	277.5/312.5	-10	.04	5/2	1	4	REC/UH	16K	-8	134.8/41.0	182/-34	346/10:02:18	03:07.8	
		BB4	ISDR	879	876	3	0	0	113.39	61.45		FN0058/34	1			
		SURFACE MONITOR														
22F155/453	09:53:05	SINGLE	170.0/172.5	30	.04	4/2	1	2	REC/UH	16K	-17	117.8/32.4	351/-24	347/09:34:58	00:14.5	
		SUN	ISDR	62	0	0	2	1	31.70	6.66		FN0058/35	1			
		AM DAILY SUN DIODE														
21F156/453	12:49:59	SINGLE	235.0/242.5	-30	.12	14/3	1	4	REC/UH	16K	-2	171.1/49.5	213/-46	347/12:31:52	00:14.5	
		SURV	ISDR	62	0	0	2	1	110.01	41.11		FN0058/36	1			
		DEEP HOLE, POST ACQ.														
21F157/453	17:48:04	SINGLE	127.5/130.0	30	.04	4/2	1	2	REC/UH	16K	0	257.6/21.2	307/-28	347/17:29:58	00:14.5	
		SUN	ISDR	67	64	3	0	0	33.97	9.53		FN0058/37	1			
		PM DAILY SUN DIODE														
22F158/454	09:53:30	SINGLE	170.0/172.5	30	.04	4/2	1	2	REC/UH	16K	-19	117.8/32.7	351/-24	348/10:14:59	00:14.5	
		SUN	ISDR	65	64	1	0	0	32.81	13.62		FN0058/38	1			
		AM DAILY SUN DIODE														
21F159/454	14:07:18	SINGLE	180.0/287.5	-40	.04	8/2	1	4	RT/UH	16K	0	199.8/48.5	241/-49	348/14:28:47	09:35.0	
		BB1	ISDR	2692	2689	6	3	2	105.55	36.42		FN0058/39	4			
		SURFACE MONITOR														
21F160/454	17:43:31	SINGLE	127.5/130.0	30	.04	4/2	1	2	REC/UH	16K	2	256.9/22.0	306/-29	348/18:05:00	00:14.5	
		SUN	SDR	65	64	1	0	0	33.31	5.13		FN0058/40	1			
		PM DAILY SUN DIODE														
22F161/455	09:53:55	SINGLE	170.0/172.5	30	.04	4/2	1	2	REC/UH	16K	-17	117.9/32.9	351/-25	349/10:54:59	00:14.5	
		SUN	SDR	65	64	1	0	0	31.71	6.50		FN0058/41	1			
		AM DAILY SUN DIODE														
22F162/455	12:07:59	SINGLE	90.0/ 97.5	-30	.04	0/2	1	4	REC/UH	16K	-10	156.1/48.0	24/-43	349/13:09:03	00:41.2	
		BB2	SDR	190	189	1	0	0	119.22	36.12		FN0059/01	1			
		SURFACE MONITOR														
22F163/455	15:24:00	SINGLE	142.5/165.0	-50	.04	8/2	1	3	REC/UH	16K	-2	224.6/41.9	93/-46	349/16:25:04	02:01.2	
		BB1	SDR	565	564	1	0	0	90.36	61.39		FN0059/02	1			
		MONITOR FOOTPAD #3														
21F164/455	17:43:56	SINGLE	127.5/130.0	30	.04	4/2	1	2	REC/UH	16K	2	257.2/22.0	306/-29	349/18:45:00	00:14.5	
		SUN	SDR	65	64	1	0	0	33.49	5.40		FN0059/03	1			
		PM DAILY SUN DIODE														
22F165/458	09:40:10	SINGLE	167.5/170.0	30	.04	4/2	1	2	REC/UH	16K	-15	114.6/31.5	348/-23	352/12:39:59	00:14.5	
		SUN	SDR	62	0	0	2	1	31.82	6.19		FN0059/04	1			
		AM DAILY SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21F166/458 17:55:09	SINGLE	130.0/132.5	30	.04	4/2	1	2	REC/UH	16K	0	260.0/20.5	310/-28	352/20:54:59	00:14.5	
	SUN	SDR 62	0	0	2	1		33.34	4.67		FN0059/05	1			
	PM DAILY SUN DIODE														
22F167/461 09:41:23	SINGLE	167.5/170.0	30	.04	4/2	1	2	REC/UH	16K	-17	114.7/32.3	348/-24	355/14:39:59	00:14.5	
	SUN	SDR 62	0	0	2	1		31.80	6.81		FN0059/06	1			
	AM DAILY SUN DIODE														
21F168/461 17:51:23	SINGLE	130.0/132.5	30	.04	4/2	1	2	REC/UH	16K	2	259.9/21.3	309/-29	355/22:49:58	00:14.5	
	SUN	SDR 62	0	0	2	1		33.15	3.99		FN0059/07	1			
	PM DAILY SUN DIODE														
22F169/463 09:42:13	SINGLE	167.5/170.0	30	.04	4/2	1	2	REC/UH	16K	-15	114.8/32.9	348/-25	357/15:59:59	00:14.5	
	SUN	SDR 65	64	1	0	0		31.88	6.36		FN0059/08	1			
	AM DAILY SUN DIODE														
21F170/463 17:52:13	SINGLE	130.0/132.5	30	.04	4/2	1	2	REC/UH	16K	2	260.5/21.3	310/-29	358/00:09:59	00:14.5	
	SUN	SDR 65	64	1	0	0		33.26	4.57		FN0059/09	1			
	PM DAILY SUN DIODE														
21F171/465 17:58:02	SINGLE	132.5/135.0	30	.04	4/2	1	2	REC/UH	16K	2	262.0/20.6	312/-28	360/01:34:58	00:14.5	
	SUN	SDR 63	64	1	2	1		33.58	4.02		FN0059/10	1			
	PM DAILY SUN DIODE														
22F172/466 09:33:28	SINGLE	165.0/167.5	30	.04	4/2	1	2	REC/UH	16K	-19	112.7/32.2	346/-24	360/17:50:00	00:14.5	
	SUN	SDR 62	0	0	2	1		31.60	6.65		FN0059/11	1			
	AM DAILY SUN DIODE														
22F173/466 11:00:00	COLOR	305.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	-13	134.5/43.9	5/-37	360/19:16:32	00:27.9	
	BLU	SDR 41	0	0	2	1		77.63	47.54		FN0059/12	1			
	GRN	SDR 41	0	0	2	1		87.97	50.07		FN0059/13	1			
	RED	SDR 41	0	0	2	1		106.69	52.62		FN0059/14	1			
	RTC #2, COLOR														
22F174/466 11:02:00	IR	305.0/310.0	-10	.12	9/1	1	4	REC/UH	16K	-13	135.1/44.2	6/-37	360/19:18:32	00:27.9	
	IR3	ISDR 41	0	0	2	1		77.08	38.75		FN0059/15	1			
	IR2	ISDR 41	0	0	2	1		75.05	38.25		FN0059/16	1			
	IR1	ISDR 41	0	0	2	1		83.85	41.48		FN0059/17	1			
	RTC #2, IR														
22F175/466 13:09:00	COLOR	117.5/135.0	-30	.12	1/1	1	4	REC/UH	16K	-6	180.0/52.2	45/-50	360/21:25:32	01:34.5	
	BLU	ISDR 146	0	0	1	1		82.98	35.93		FN0059/18	1			
	GRN	ISDR 145	0	0	2	2		99.39	38.69		FN0059/19	1			
	RED	ISDR 144	0	0	3	2		135.09	38.82		FN0059/20	1			
	REPRO. SAM SURFACE MON.														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST
			DATA TOTAL RECORD LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS		
22F176/466	13:27:00	COLOR	135.0/152.5	-30	.12	1/1	1	4	REC/UH	16K	-6	187.0/52.1	51/-51	360/21:43:32	01:34.5
		BLU	SDR 146	0	0	1	1		82.61	41.53		FN0059/21	1		
		GRN	SDR 146	0	0	1	1		97.02	44.32		FN0059/22	1		
		RED	SDR 145	0	0	2	1		127.88	44.66		FN0059/23	1		
		REPRO. SAM SURFACE MON.													
21F177/466	17:58:27	SINGLE	132.5/135.0	30	.04	4/2	1	2	REC/UH	16K	2	262.3/20.6	312/-28	361/02:14:59	00:14.5
		SUN	SDR 65	64	1	0	0		33.30	3.99		FN0059/24	1		
		PM DAILY SUN DIODE													
21F178/468	09:04:59	SINGLE	242.5/250.0	-40	.04	8/2	1	4	REC/UH	16K	-13	106.5/28.2	157/-20	362/18:40:41	00:41.2
		BB1	SDR 189	189	1	1	1		50.61	14.17		FN0059/25	1		
		SURFACE MONITOR													
22F179/468	09:19:17	SINGLE	162.5/165.0	30	.04	4/2	1	2	REC/UH	16K	-17	109.5/30.4	343/-22	362/18:54:59	00:14.5
		SUN	SDR 65	64	1	0	0		31.38	4.03		FN0059/26	1		
		AM DAILY SUN DIODE													
21F180/468	17:54:17	SINGLE	132.5/135.0	30	.04	4/2	1	2	REC/UH	16K	0	261.9/21.4	311/-29	363/03:30:00	00:14.5
		SUN	SDR 65	64	1	0	0		33.46	3.48		FN0059/27	1		
		PM DAILY SUN DIODE													
22F181/471	09:15:31	SINGLE	162.5/165.0	30	.04	4/2	1	2	REC/UH	16K	-17	108.5/30.4	343/-22	365/20:50:00	00:14.5
		SUN	SDR 62	0	0	2	1		32.05	6.71		FN0059/28	1		
		AM DAILY SUN DIODE													
21F182/471	12:07:59	SINGLE	202.5/210.0	-40	.04	8/2	1	4	REC/UH	16K	-2	157.0/51.2	200/-46	365/23:42:27	00:41.2
		BB1	SDR 187	0	0	2	1		112.39	33.80		FN0059/29	1		
		SNOW WHITE, DURING ACQ.													
21F183/471	12:21:59	SINGLE	200.0/210.0	-40	.04	8/2	1	4	REC/UH	16K	-2	162.3/52.0	204/-47	365/23:56:27	00:54.5
		BB1	SDR 250	0	0	1	1		94.68	37.48		FN0059/30	1		
		SNOW WHITE, POST ACQ.													
21F184/471	17:50:31	SINGLE	132.5/135.0	30	.04	4/2	1	2	REC/UH	16K	4	261.8/22.2	311/-30	001/05:24:59	00:14.5
		SUN	SDR 62	0	0	2	1		33.67	4.69		FN0059/31	1		
		PM DAILY SUN DIODE													
22F185/473	09:16:20	SINGLE	162.5/165.0	30	.04	4/2	1	2	REC/UH	16K	-19	108.6/30.9	343/-22	002/22:09:58	00:14.5
		SUN	ISDR 67	64	3	0	0		33.25	14.21		FN0059/32	1		
		AM DAILY SUN DIODE													
21F186/473	09:25:59	SINGLE	250.0/262.5	-50	.04	8/2	1	3	REC/UH	16K	-12	110.7/32.4	160/-24	002/22:19:37	01:07.9
		BB1	ISDR 314	314	1	1	1		92.01	31.04		FN0059/33	1		
		SURFACE MONITOR													

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21F187/473	18:01:20	SINGLE	135.0/137.5	30	.04	4/2	1	2	REC/UH	16K	4	264.2/20.6	314/-28	003/06:54:59	00:14.5	
		SUN	ISDR 62	0	0	2	1		34.04	4.17		FN0059/34	1			
		PM DAILY SUN DIODE														
22F188/474	09:16:45	SINGLE	162.5/165.0	30	.04	4/2	1	2	REC/UH	16K	-17	108.6/31.2	343/-23	003/22:49:59	00:14.5	
		SUN	SDR 62	0	0	2	1		32.04	6.55		FN0059/35	1			
		AM DAILY SUN DIODE														
22F189/474	18:19:08	SINGLE	60.0/ 87.5	-10	.04	13/2	1	3	RT/UH	16K	-6	267.7/17.8	142/-25	004/07:52:22	02:28.0	
		BB3	ISDR 689	689	4	4	3		113.87	49.14		FN0059/36	1			
		SURFACE MONITOR														
22F190/476	04:38:44	COLOR	112.5/112.5	10	.12	1/1	1	0	REC/UH	250	-6	56.7/-11	290/ 18	005/19:31:09	24:11.2	R
		BLU	ISDR 33	2	33	1	1		166.88	25.63		FN0059/37	1			
		GRN	ISDR 34	2	33	0	0		164.19	23.40		FN0059/38	1			
		RED	ISDR 34	2	33	0	0		159.70	18.52		FN0059/39	1			
		AM TWILIGHT RESCAN														
22F191/476	05:04:49	COLOR	117.5/117.5	10	.12	1/1	1	2	REC/UH	250	-19	61.8/- 8	296/ 14	005/19:57:14	24:11.2	R
		BLU	ISDR 33	2	33	1	1		78.23	53.91		FN0059/40	1			
		GRN	ISDR 34	2	33	0	0		73.71	49.19		FN0059/41	1			
		RED	ISDR 34	2	33	0	0		61.67	34.84		FN0059/42	1			
		AM TWILIGHT RESCAN														
22F192/476	05:30:54	COLOR	120.0/120.0	10	.12	1/1	1	4	REC/UH	250	-19	66.7/- 4	301/ 11	005/20:23:19	24:11.2	R
		BLU	ISDR 33	2	33	1	1		102.76	59.86		FN0059/43	1			
		GRN	ISDR 34	2	33	0	0		90.32	53.41		FN0059/44	1			
		RED	ISDR 34	2	33	0	0		61.91	31.86		FN0059/45	1			
		AM TWILIGHT RESCAN														
22F193/476	09:17:35	SINGLE	162.5/165.0	30	.04	4/2	1	2	REC/UH	16K	-13	108.7/31.7	343/-23	006/00:10:00	00:14.5	
		SUN	SDR 66	64	2	0	0		32.77	10.34		FN0059/46	1			
		AM DAILY SUN DIODE														
21F194/476	15:12:59	SINGLE	205.0/220.0	-40	.04	8/2	1	4	REC/UH	16K	2	226.3/45.7	270/-50	006/06:05:23	01:21.2	
		BB1	SDR 371	0	0	5	2		103.78	22.14		FN0059/47	1			
		SURFACE MONITOR														
21F195/476	18:02:35	SINGLE	135.0/137.5	30	.04	4/2	1	2	REC/UH	16K	4	265.0/20.6	315/-28	006/08:54:59	00:14.5	
		SUN	SDR 65	64	1	0	0		34.03	5.25		FN0059/48	1			
		PM DAILY SUN DIODE														
21F196/478	10:02:59	SINGLE	262.5/272.5	-10	.04	5/2	1	4	REC/UH	16K	-8	118.9/38.9	168/-31	008/02:14:34	00:54.5	
		BB4	SDR 252	251	1	0	0		98.45	41.91		FN0060/01	1			
		SURFACE MONITOR														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21F197/478	10:58:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-6	134.1/46.2	180/-39	008/03:10:34	00:10.1	
		BB1	SDR 44	43	1	0	0		55.57	35.56		FN0060/02	1			
		SCAN VER & CAL-CAM														
21F198/478	10:59:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-6	134.1/46.2	181/-39	008/03:10:44	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0060/03	1			
		CALIBRATION FRAME														
22F199/478	11:00:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-10	134.7/46.4	5/-39	008/03:12:34	00:10.1	
		BB1	SDR 44	43	1	0	0		51.49	24.90		FN0060/04	1			
		SCAN VER&CAL-CAM 2														
22F200/478	11:01:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-10	134.7/46.5	5/-39	008/03:12:44	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0060/05	1			
		CALIBRATION FRAME														
22F201/479	07:28:49	SINGLE	142.5/145.0	10	.04	4/2	1	2	REC/UH	16K	-21	87.7/14.8	323/- 6	009/00:19:59	00:14.5	
		SUN	SDR 65	64	1	0	0		31.13	2.15		FN0060/06	1			
		DIURNAL SUN														
22F202/479	07:58:49	SINGLE	147.5/150.0	20	.04	4/2	1	2	REC/UH	16K	-19	93.1/19.7	328/-11	009/00:49:59	00:14.5	
		SUN	SDR 65	64	1	0	0		31.28	3.63		FN0060/07	1			
		DIURNAL SUN														
22F203/479	08:23:49	SINGLE	152.5/155.0	20	.04	4/2	1	2	REC/UH	16K	-19	97.7/23.7	332/-15	009/01:14:59	00:14.5	
		SUN	SDR 65	64	1	0	0		31.46	4.67		FN0060/08	1			
		DIURNAL SUN														
22F204/479	08:53:50	SINGLE	157.5/160.0	20	.04	4/2	1	2	REC/UH	16K	-17	103.6/28.5	338/-20	009/01:45:00	00:14.5	
		SUN	SDR 65	64	1	0	0		31.72	6.01		FN0060/09	1			
		DIURNAL SUN														
22F205/479	09:18:50	SINGLE	162.5/165.0	30	.04	4/2	1	2	REC/UH	16K	-15	108.8/32.5	343/-24	009/02:10:00	00:14.5	
		SUN	SDR 65	64	1	0	0		32.11	6.69		FN0060/10	1			
		AM DAILY SUN DIODE														
22F206/479	10:11:00	SINGLE	135.0/145.0	-30	.04	0/2	1	4	REC/UH	16K	-13	120.9/40.2	353/-32	009/03:02:10	00:54.5	
		BB2	SDR 250	0	0	1	1		81.58	34.49		FN0060/11	1			
		NESTED BACKHOE T.D.														
22F207/479	10:44:00	SINGLE	85.0/ 90.0	-10	.04	8/2	1	4	REC/UH	16K	-12	129.7/44.6	1/-37	009/03:35:10	00:27.9	
		BB1	SDR 125	0	0	1	1		92.93	41.29		FN0060/12	1			
		NESTED BACKHOE														
22F208/479	10:49:00	SINGLE	85.0/ 90.0	-10	.04	8/2	1	4	REC/UH	16K	-12	131.1/45.2	2/-38	009/03:40:10	00:27.9	
		BB1	SDR 125	0	0	1	1		93.52	41.46		FN0060/13	1			
		NESTED BACKHOE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA TOTAL RECORD LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21F209/479	10:56:00	SINGLE BB2 NESTED TRENCH	320.0/332.5 SDR 312	-30 0	.04 0	0/2 2	1 1	4	REC/UH 74.87	16K 32.68	-6	133.2/46.1 FN0060/14	180/-39 1	009/03:47:10	01:07.9	
21F210/479	11:06:00	SINGLE BB1 NESTED FOOTPAD	282.5/290.0 SDR 190	-30 189	.04 1	8/2 0	1 0	3	REC/UH 123.56	16K 68.22	-6	136.2/47.2 FN0060/15	182/-40 1	009/03:57:10	00:41.2	
21F211/479	11:11:00	SINGLE BB1 NESTED FOOTPAD	282.5/290.0 SDR 190	-30 189	.04 1	8/2 0	1 0	3	REC/UH 122.81	16K 69.74	-4	137.7/47.8 FN0060/16	184/-41 1	009/04:02:10	00:41.2	
22F212/479	11:20:00	SINGLE BB3 NESTED BACKHOE	290.0/295.0 SDR 127	-20 126	.04 2	13/2 1	1 1	4	REC/UH 70.84	16K 38.09	-10	140.6/48.7 FN0060/17	10/-42 1	009/04:11:10	00:27.9	
22F213/479	11:32:00	SINGLE BB2 NON-NESTED TRENCH	135.0/145.0 SDR 253	-30 251	.04 2	0/2 0	1 0	4	REC/UH 97.23	16K 37.58	-8	144.6/49.9 FN0060/18	13/-44 1	009/04:23:10	00:54.5	
21F214/479	17:43:49	SINGLE SUN DIURNAL SUN	132.5/135.0 SDR 62	30 0	.04 0	4/2 2	1 1	2	REC/UH 33.19	16K 5.37	4	262.1/23.9 FN0060/19	312/-31 1	009/10:34:59	00:14.5	
21F215/479	17:58:49	SINGLE SUN PM DAILY SUN DIODE	135.0/137.5 SDR 62	30 0	.04 0	4/2 2	1 1	2	REC/UH 33.79	16K 5.66	4	264.9/21.4 FN0060/20	315/-29 1	009/10:49:59	00:14.5	
21F216/479	18:23:49	SINGLE SUN DIURNAL SUN	140.0/142.5 SDR 62	30 0	.04 0	4/2 2	1 1	2	REC/UH 33.73	16K 5.05	4	269.5/17.4 FN0060/21	320/-25 1	009/11:14:59	00:14.5	
22F217/480	09:09:14	SINGLE SUN AM DAILY SUN DIODE	160.0/162.5 SDR 65	30 64	.04 1	4/2 0	1 0	2	REC/UH 31.93	16K 6.26	-17	106.7/31.2 FN0060/22	341/-23 1	010/02:40:00	00:14.5	
21F218/480	10:39:59	SINGLE BB2 PURGE SITE,PHYS,PRO	290.0/300.0 SDR 252	-30 251	.04 1	0/2 0	1 0	4	REC/UH 74.15	16K 32.00	-6	128.5/44.3 FN0060/23	176/-37 1	010/04:10:45	00:54.5	
22F219/480	10:41:59	SINGLE BB2 PURGE SITE,PHYS,PRO	90.0/100.0 SDR 252	-40 251	.04 1	0/2 0	1 0	4	REC/UH 89.52	16K 34.06	-12	129.1/44.5 FN0060/24	/-37 1	010/04:12:45	00:54.5	
21F220/480	10:58:59	SINGLE BB1 SCAN VER&CAL-CAM 1	.0/ 5.0 SDR 44	0 43	.12 1	8/3 0	1 0	4	REC/UH 55.01	16K 35.68	-6	134.0/46.6 FN0060/25	180/-39 1	010/04:29:45	00:10.1	

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21F221/480	10:59:09	SINGLE	170.0/170.0		-40		/7			REC/UH	16K	-6	134.1/46.6	180/-39	010/04:29:55	00:18.0
		CAL	SDR	84	0	0	0	0		.00	.00		FN0060/26	1		
		CALIBRATION FRAME														
22F222/480	11:00:59	SINGLE	.0/ 5.0		0	.12	8/3	1	4	REC/UH	16K	-10	134.6/46.8	5/-40	010/04:31:45	00:10.1
		BB1	SDR	44	43	1	0	0		51.32	25.19		FN0060/27	1		
		SCAN VER&CAL-CAM 2														
22F223/480	11:01:09	SINGLE	170.0/170.0		-40		/7			REC/UH	16K	-10	134.7/46.9	5/-40	010/04:31:55	00:18.0
		CAL	SDR	84	0	0	0	0		.00	.00		FN0060/28	1		
		CALIBRATION FRAME														
21F224/480	18:09:14	SINGLE	137.5/140.0		30	.04	4/2	1	2	REC/UH	16K	4	267.0/19.8	317/-27	010/11:39:59	00:14.5
		SUN	SDR	65	64	1	0	0		33.66	5.13		FN0060/29	1		
		PM DAILY SUN DIODE														
22F225/481	09:09:38	SINGLE	160.0/162.5		30	.04	4/2	1	2	REC/UH	16K	-17	106.7/31.4	341/-23	011/03:19:58	00:14.5
		SUN	SDR	60	0	0	4	1		32.94	10.76		FN0060/30	1		
		AM DAILY SUN DIODE														
22F226/481	10:59:59	COLOR	305.0/310.0		-10	.12	1/1	1	4	REC/UH	16K	-12	134.3/46.9	5/-40	011/05:10:19	00:27.9
		BLU	SDR	42	0	0	1	1		81.03	44.54		FN0060/31	1		
		GRN	SDR	42	0	0	1	1		91.77	48.43		FN0060/32	1		
		RED	SDR	41	0	0	2	1		111.17	53.10		FN0060/33	1		
		RTC #2, CLR														
22F227/481	11:01:59	IR	305.0/310.0		-10	.12	9/1	1	4	REC/UH	16K	-10	134.9/47.1	5/-40	011/05:12:19	00:27.9
		IR3	SDR	41	0	0	2	1		82.34	41.06		FN0060/34	1		
		IR2	SDR	41	0	0	2	1		80.20	40.35		FN0060/35	1		
		IR1	SDR	41	0	0	2	1		88.94	43.67		FN0060/36	1		
		RTC #2, IR														
22F228/481	11:04:59	SINGLE	147.5/157.5		-30	.04	1/2	1	4	REC/UH	16K	-10	135.8/47.5	6/-40	011/05:15:19	00:54.5
		BLU	SDR	250	0	0	1	1		64.71	21.24		FN0060/37	1		
		MONITOR SHROUD														
22F229/481	11:06:59	SINGLE	147.5/157.5		-30	.04	3/2	1	4	REC/UH	16K	-10	136.5/47.7	6/-41	011/05:17:19	00:54.5
		RED	SDR	250	0	0	1	1		103.03	43.41		FN0060/38	1		
		MONITOR SHROUD														
22F230/481	11:08:59	SINGLE	147.5/157.5		-30	.04	2/2	1	4	REC/UH	16K	-10	137.1/47.9	7/-41	011/05:19:19	00:54.5
		GRN	SDR	250	0	0	1	1		77.08	28.67		FN0060/39	1		
		MONITOR SHROUD														
22F231/481	13:03:59	COLOR	115.0/135.0		-30	.12	1/1	1	4	REC/UH	16K	-4	180.2/54.9	44/-53	011/07:14:19	01:47.9
		BLU	SDR	167	0	0	1	1		86.69	33.54		FN0060/40	1		
		GRN	SDR	167	0	0	1	1		102.88	35.03		FN0060/41	1		
		RED	SDR	166	0	0	2	1		138.52	36.66		FN0060/42	1		
		SAM SURFACE REPRO.														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22F232/481	13:19:59	COLOR	135.0/152.5	-30	.12	1/1	1	4	REC/UH	16K	-2	186.8/54.7	50/-53	011/07:30:19	01:34.5	
		BLU	SDR 145	0	0	2	1		86.02	39.83		FN0060/43	1			
		GRN	SDR 145	0	0	2	1		100.00	41.70		FN0060/44	1			
		RED	SDR 145	0	0	2	1		129.91	43.25		FN0060/45	1			
		SAM SURFACE REPRO.														
21F233/481	18:04:37	SINGLE	137.5/140.0	30	.04	4/2	1	2	REC/UH	16K	4	266.4/20.6	316/-28	011/12:14:58	00:14.5	
		SUN	SDR 62	0	0	2	1		33.37	5.89		FN0060/46	1			
		PM DAILY SUN DIODE														
22F234/482	09:10:03	SINGLE	160.0/162.5	30	.04	4/2	1	2	REC/UH	16K	-17	106.8/31.7	341/-23	012/03:59:59	00:14.5	
		SUN	SDR 65	64	1	0	0		31.89	6.17		FN0060/47	1			
		AM DAILY SUN DIODE														
22F235/482	10:10:03	SINGLE	172.5/175.0	30	.04	4/2	1	2	REC/UH	16K	-15	120.5/40.6	353/-33	012/04:59:59	00:14.5	
		SUN	SDR 65	64	1	0	0		31.53	6.57		FN0060/48	1			
		ORB/LNDR SUN DIODE														
22F236/482	11:57:59	SINGLE	102.5/137.5	-30	.04	0/2	1	4	REC/UH	16K	-8	153.9/52.7	21/-47	012/06:47:55	03:07.8	
		BB2	SDR 876	876	1	1	1		112.49	37.85		FN0060/49	1			
		SURFACE MONITOR														
21F237/482	16:30:00	SINGLE	240.0/245.0	-30	.04	0/2	1	4	REC/UH	16K	4	247.5/35.7	295/-42	012/11:19:56	00:27.9	
		BB2	SDR 127	126	1	0	0		97.01	26.70		FN0060/50	1			
		CENTAUR ROCK,PHY,PR														
21F238/482	17:12:00	SINGLE	290.0/302.5	-30	.04	0/2	1	3	REC/UH	16K	6	256.5/29.2	305/-36	012/12:01:56	01:07.9	
		BB2	SDR 315	314	1	0	0		192.38	53.54		FN0060/51	1			
		SURFACE MONITOR														
21F239/482	17:40:04	SINGLE	132.5/135.0	30	.04	4/2	1	2	REC/UH	16K	6	262.0/24.7	311/-32	012/12:30:00	00:14.5	
		SUN	SDR 64	64	1	1	1		33.26	5.47		FN0061/01	1			
		ORB/LNDR SUN DIODE														
21F240/482	18:05:04	SINGLE	137.5/140.0	30	.04	4/2	1	2	REC/UH	16K	6	266.7/20.6	317/-28	012/12:55:00	00:14.5	
		SUN	SDR 65	64	1	0	0		33.52	6.22		FN0061/02	1			
		PM DAILY SUN DIODE														
21F241/483	13:00:00	SINGLE	200.0/210.0	-40	.04	8/2	1	4	REC/UH	16K	0	178.9/55.2	218/-53	013/08:29:31	00:54.5	
		BB1	SDR 253	251	2	0	0		125.90	44.99		FN0061/03	1			
		B/H T.D./SNOW WHITE														
22F242/484	17:49:03	SINGLE	37.5/ 87.5	-10	.04	13/2	1	3	RT/UH	16K	0	264.1/23.3	138/-31	014/13:58:10	04:28.0	
		BB3	SDR 1256	1251	5	0	0		131.16	53.52		FN0061/04	2			
		SURFACE MONITOR														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21F243/484	17:54:11	SINGLE	220.0/270.0	-10	.04	13/2	1	3	RT/UH	16K	4	265.0/22.5	315/-30	014/14:03:18	04:28.0	
		BB3	SDR 1255	1251	5	1	1		130.65	47.12		FN0061/05	2			
		SURFACE MONITOR														
22F244/486	04:29:50	COLOR	110.0/110.0	10	.12	1/1	1	0	REC/UH	250	4	54.7/-11	288/ 17	016/01:58:07	24:11.2	R
		BLU	ISDR 33	2	33	1	1		167.54	27.42		FN0061/06	1			
		GRN	ISDR 34	2	33	0	0		168.82	27.35		FN0061/07	1			
		RED	ISDR 34	2	33	0	0		168.72	26.18		FN0061/08	1			
		AM TWILIGHT RESCAN														
22F245/486	04:55:55	COLOR	115.0/115.0	10	.12	1/1	1	2	REC/UH	250	-17	59.8/- 7	294/ 14	016/02:24:12	24:11.2	R
		BLU	ISDR 33	2	33	1	1		92.07	63.52		FN0061/09	1			
		GRN	ISDR 34	2	33	0	0		89.71	57.94		FN0061/10	1			
		RED	ISDR 34	2	33	0	0		75.19	42.25		FN0061/11	1			
		AM TWILIGHT RESCAN														
22F246/486	05:22:00	COLOR	117.5/117.5	10	.12	1/1	1	4	REC/UH	250	-17	64.7/- 3	299/ 10	016/02:50:17	24:11.2	R
		BLU	ISDR 33	2	33	1	1		101.76	58.37		FN0061/12	1			
		GRN	ISDR 34	2	33	0	0		85.05	47.59		FN0061/13	1			
		RED	ISDR 34	2	33	0	0		59.73	28.30		FN0061/14	1			
		AM TWILIGHT RESCAN														
22F247/486	06:51:43	SINGLE	135.0/137.5	10	.04	4/2	1	1	REC/UH	16K	-13	80.7/10.0	316/- 2	016/04:20:00	00:14.5	
		SUN	SDR 65	64	1	0	0		69.54	2.86		FN0061/15	1			
		AM DAILY SUN DIODE														
21F248/486	18:13:59	SINGLE	262.5/290.0	-30	.04	0/2	1	4	REC/UH	16K	4	269.1/19.4	319/-27	016/15:42:16	02:27.9	
		BB2	SDR 687	0	0	2	1		56.52	15.83		FN0061/16	1			
		F/C21C031/056 REPRO														
22F249/486	18:18:42	SINGLE	77.5/ 95.0	-30	.04	0/2	1	4	REC/UH	16K	0	269.9/18.6	144/-26	016/15:46:59	01:34.5	
		BB2	SDR 437	0	0	2	1		50.37	18.74		FN0061/17	1			
		F/C22C032/056 REPRO														
21F250/486	19:06:43	SINGLE	150.0/152.5	20	.04	4/2	1	1	REC/UH	16K	2	278.4/10.8	329/-19	016/16:35:00	00:14.5	
		SUN	SDR 65	64	1	0	0		63.10	1.56		FN0061/18	1			
		PM DAILY SUN DIODE														
21F251/486	20:14:00	COLOR	162.5/162.5	10	.12	1/1	1	4	REC/UH	250	2	290.4/ .2	341/- 8	016/17:42:17	24:11.2	R
		BLU	ISDR 32	2	33	2	2		117.27	59.96		FN0061/19	1			
		GRN	ISDR 34	2	33	0	0		107.49	56.83		FN0061/20	1			
		RED	ISDR 33	2	33	1	1		75.56	39.05		FN0061/21	1			
		PM TWILIGHT RESCAN														
21F252/486	20:40:05	COLOR	167.5/167.5	10	.12	1/1	1	2	REC/UH	250	-2	295.1/- 3	346/- 4	016/18:08:22	24:11.2	R
		BLU	ISDR 32	2	33	2	2		62.69	51.95		FN0061/22	1			
		GRN	ISDR 33	2	33	1	1		68.29	55.92		FN0061/23	1			
		RED	ISDR 33	2	33	1	1		87.25	66.38		FN0061/24	1			
		PM TWILIGHT RESCAN														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21F253/486	21:06:10	COLOR	170.0/170.0	10	.12	1/1	1	0	REC/UH	250	0	300.0/- 7	351/-	016/18:34:27	24:11.2	R
		BLU	ISDR 33	2	33	1	1		144.96	22.14		FN0061/25	1			
		GRN	ISDR 34	2	33	0	0		147.91	24.77		FN0061/26	1			
		RED	ISDR 34	2	33	0	0		153.02	27.56		FN0061/27	1			
		PM TWILIGHT RESCAN														
22F254/487	04:27:49	COLOR	110.0/110.0	10	.12	1/1	1	0	REC/UH	250	2	54.3/-11	288/ 17	017/02:35:41	24:11.2	R
		BLU	ISDR 33	2	33	1	1		166.58	27.55		FN0061/28	1			
		GRN	ISDR 34	2	33	0	0		167.99	27.71		FN0061/29	1			
		RED	ISDR 34	2	33	0	0		168.15	25.98		FN0061/30	1			
		AM TWILIGHT RESCAN														
22F255/487	04:53:54	COLOR	115.0/115.0	10	.12	1/1	1	2	REC/UH	250	-17	59.4/- 7	293/ 14	017/03:01:46	24:11.2	R
		BLU	ISDR 33	2	33	1	1		86.56	61.05		FN0061/31	1			
		GRN	ISDR 34	2	33	0	0		90.55	60.83		FN0061/32	1			
		RED	ISDR 34	2	33	0	0		82.10	50.63		FN0061/33	1			
		AM TWILIGHT RESCAN														
22G000/487	05:19:59	COLOR	117.5/117.5	10	.12	1/1	1	4	REC/UH	250	-17	64.3/- 3	298/ 10	017/03:27:51	24:11.2	R
		BLU	ISDR 33	2	33	1	1		111.78	62.72		FN0061/34	1			
		GRN	ISDR 34	2	33	0	0		99.80	56.21		FN0061/35	1			
		RED	ISDR 34	2	33	0	0		68.31	34.01		FN0061/36	1			
		AM TWILIGHT RESCAN														
22G001/487	06:52:07	SINGLE	135.0/137.5	10	.04	4/2	1	1	REC/UH	16K	-13	80.7/10.3	316/- 2	017/04:59:59	00:14.5	
		SUN	SDR 65	64	1	0	0		68.90	3.30		FN0061/37	1			
		AM DAILY SUN DIODE														
21G002/487	18:02:08	SINGLE	137.5/140.0	30	.04	4/2	1	2	REC/UH	16K	4	267.1/21.4	317/-29	017/16:10:00	00:14.5	
		SUN	SDR 65	64	1	0	0		33.37	4.99		FN0061/38	1			
		PM DAILY SUN DIODE														
22G003/488	04:26:49	COLOR	110.0/110.0	10	.12	1/1	1	0	REC/UH	250	4	54.0/-11	287/ 17	018/03:14:16	24:11.2	R
		BLU	ISDR 33	2	33	1	1		163.31	26.08		FN0061/39	1			
		GRN	ISDR 34	2	33	0	0		163.32	23.64		FN0061/40	1			
		RED	ISDR 34	2	33	0	0		160.81	20.73		FN0061/41	1			
		AM TWILIGHT RESCAN														
22G004/488	04:52:54	COLOR	115.0/115.0	10	.12	1/1	1	2	REC/UH	250	-19	59.1/- 7	293/ 14	018/03:40:21	24:11.2	R
		BLU	ISDR 33	2	33	1	1		83.74	60.18		FN0061/42	1			
		GRN	ISDR 34	2	33	0	0		86.18	58.18		FN0061/43	1			
		RED	ISDR 34	2	33	0	0		66.71	35.11		FN0061/44	1			
		AM TWILIGHT RESCAN														
22G005/488	05:18:59	COLOR	117.5/117.5	10	.12	1/1	1	4	REC/UH	250	-19	64.0/- 3	298/ 10	018/04:06:26	24:11.2	R
		BLU	ISDR 33	2	33	1	1		102.44	59.65		FN0061/45	1			
		GRN	ISDR 34	2	33	0	0		88.86	53.09		FN0061/46	1			
		RED	ISDR 34	2	33	0	0		63.16	35.41		FN0061/47	1			
		AM TWILIGHT RESCAN														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22G006/488	06:52:32	SINGLE	135.0/137.5	10	.04	4/2	1	1	REC/UH	16K	-15	80.8/10.5	316/- 2	018/05:39:59	00:14.5	
		SUN	SDR 65	64	1	0	0		69.33	4.74		FN0061/48	1			
		AM DAILY SUN DIODE														
22G007/488	11:59:59	COLOR	127.5/167.5	-30	.12	1/1	1	4	REC/UH	16K	-4	155.0/53.9	21/-49	018/10:47:27	03:34.5	
		BLU	ISDR 332	0	0	2	1		84.31	54.16		FN0061/49	1			
		GRN	ISDR 332	0	0	2	1		92.80	54.02		FN0061/50	1			
		RED	ISDR 330	0	0	4	2		116.98	54.65		FN0061/51	1			
		MON. FOOTPAD #3														
21G008/488	18:12:32	SINGLE	140.0/142.5	30	.04	4/2	1	2	REC/UH	16K	4	269.2/19.7	319/-27	018/17:00:00	00:14.5	
		SUN	SDR 65	64	1	0	0		33.40	4.41		FN0061/52	1			
		PM DAILY SUN DIODE														
22G009/489	08:57:56	SINGLE	157.5/160.0	30	.04	4/2	1	2	REC/UH	16K	-17	103.9/31.0	338/-22	019/08:24:59	00:14.5	
		SUN	SDR 62	0	0	2	1		31.98	6.35		FN0062/01	1			
		AM DAILY SUN DIODE														
22G010/489	14:19:39	SINGLE	85.0/165.0	-50	.04	8/2	1	3	RT/UH	16K	-2	211.9/52.7	76/-55	019/13:46:42	07:08.0	
		BB1	ISDR 1992	2001	5	14	1		132.99	74.37		FN0062/02	3			
		SURFACE MONITOR														
21G011/489	15:07:00	SINGLE	200.0/280.0	-40	.04	0/2	1	4	RT/UH	16K	4	227.6/47.7	270/-52	019/14:34:02	07:08.0	
		BB2	SDR 2005	2001	5	1	1		115.17	29.09		FN0062/03	3			
		SURFACE MONITOR														
22G012/491	07:50:59	SINGLE	115.0/127.5	-10	.04	5/2	1	3	REC/UH	16K	-15	91.0/20.6	326/-12	021/08:37:12	01:07.9	
		BB4	SDR 315	314	1	0	0		67.92	30.78		FN0062/04	1			
		F/C22B231/054 REPRO														
22G013/491	08:58:46	SINGLE	157.5/160.0	30	.04	4/2	1	2	REC/UH	16K	-15	104.0/31.5	338/-23	021/09:44:59	00:14.5	
		SUN	SDR 65	64	1	0	0		32.06	6.18		FN0062/05	1			
		AM DAILY SUN DIODE														
22G014/491	12:59:59	COLOR	287.5/315.0	-20	.12	1/1	1	4	REC/UH	16K	-2	180.1/56.6	43/-54	021/13:46:12	02:27.9	
		BLU	SDR 228	0	0	2	2		80.71	45.65		FN0062/06	1			
		GRN	SDR 229	0	0	1	1		88.76	47.81		FN0062/07	1			
		RED	SDR 228	0	0	2	2		109.56	53.95		FN0062/08	1			
		MONITOR GRID, CLR														
21G015/491	18:08:47	SINGLE	140.0/142.5	30	.04	4/2	1	2	REC/UH	16K	4	269.0/20.5	319/-28	021/18:55:00	00:14.5	
		SUN	SDR 65	64	1	0	0		33.88	4.83		FN0062/09	1			
		PM DAILY SUN DIODE														
22G016/493	06:39:34	SINGLE	132.5/135.0	10	.04	4/2	1	1	REC/UH	16K	-21	78.2/ 9.3	313/- 1	023/08:44:58	00:14.5	
		SUN	SDR 62	0	0	2	1		68.01	4.27		FN0062/10	1			
		AM DIURNAL SUN														

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VL-2 CAMERA EVENT REPORT

CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
	DATA TOTAL RECORD LINES	RESCAN BEGIN/TOTAL			LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22G017/493 07:49:34	SINGLE	145.0/147.5	20	.04	4/2	1	2	REC/UH	16K	-17	90.6/20.7	326/-12	023/09:54:58	00:14.5	
	SUN SDR 62	0	0		2	1		31.73	6.34		FN0062/11	1			
	AM DIURNAL SUN														
22G018/493 08:19:35	SINGLE	150.0/152.5	30	.04	4/2	1	2	REC/UH	16K	-17	96.2/25.6	331/-17	023/10:24:59	00:14.5	
	SUN SDR 60	0	0		4	2		31.87	5.98		FN0062/12	1			
	AM DIURNAL SUN														
22G019/493 08:59:35	SINGLE	157.5/160.0	30	.04	4/2	1	2	REC/UH	16K	-15	104.0/32.0	338/-23	023/11:04:59	00:14.5	
	SUN SDR 62	0	0		2	1		32.14	6.11		FN0062/13	1			
	AM DAILY SUN DIODE														
21G020/493 18:09:35	SINGLE	140.0/142.5	30	.04	4/2	1	2	REC/UH	16K	6	269.6/20.5	320/-28	023/20:14:58	00:14.5	
	SUN SDR 62	0	0		2	1		34.15	5.68		FN0062/14	1			
	PM DAILY SUN DIODE														
21G021/493 18:44:35	SINGLE	147.5/150.0	20	.04	4/2	1	2	REC/UH	16K	4	275.8/14.8	326/-23	023/20:49:58	00:14.5	
	SUN SDR 62	0	0		2	1		32.47	4.15		FN0062/15	1			
	PM DIURNAL SUN														
22G022/495 09:00:25	SINGLE	157.5/160.0	30	.04	4/2	1	2	REC/UH	16K	-13	104.1/32.5	338/-24	025/12:24:59	00:14.5	
	SUN SDR 62	0	0		2	1		32.11	6.30		FN0062/16	1			
	AM DAILY SUN DIODE														
21G023/495 18:15:25	SINGLE	142.5/145.0	30	.04	4/2	1	2	REC/UH	16K	4	271.0/19.7	321/-27	025/21:39:59	00:14.5	
	SUN SDR 62	0	0		2	1		33.72	4.92		FN0062/17	1			
	PM DAILY SUN DIODE														
22G024/497 08:46:13	SINGLE	155.0/157.5	30	.04	4/2	1	2	REC/UH	16K	-15	101.1/30.6	336/-22	027/13:29:58	00:14.5	
	SUN SDR 65	64	1		0	0		32.13	5.97		FN0062/18	1			
	AM DAILY SUN DIODE														
21G025/497 18:16:14	SINGLE	142.5/145.0	30	.04	4/2	1	2	REC/UH	16K	4	271.5/19.6	322/-27	027/22:59:59	00:14.5	
	SUN SDR 65	64	1		0	0		33.79	4.89		FN0062/19	1			
	PM DAILY SUN DIODE														
21G026/499 18:12:04	SINGLE	142.5/145.0	30	.04	4/2	1	2	REC/UH	16K	6	271.1/20.4	321/-28	030/00:14:59	00:14.5	
	SUN SDR' 62	0	0		2	1		34.07	6.39		FN0062/20	1			
	PM DAILY SUN DIODE														
22G027/500 06:57:29	SINGLE	135.0/137.5	20	.04	4/2	1	2	REC/UH	16K	-19	81.1/13.4	316/- 5	030/13:40:00	00:14.5	
	SUN SDR 65	64	1		0	0		31.28	4.01		FN0062/21	1			
	AM DAILY SUN DIODE														
21G028/500 18:12:29	SINGLE	142.5/145.0	30	.04	4/2	1	2	REC/UH	16K	6	271.3/20.4	322/-28	031/00:54:59	00:14.5	
	SUN SDR 65	64	1		0	0		33.85	5.22		FN0062/22	1			
	PM DAILY SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21G029/501	10:58:58	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-4	133.8/50.4	180/-43	031/18:21:04	00:10.1	
		BB1	SDR 44	43	1	0	0		54.94	36.04		FN0062/23	1			
		SCAN VER&CAL-CAM 1														
21G030/501	10:59:08	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-2	133.9/50.5	180/-43	031/18:21:14	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0062/24	1			
		CALIBRATION FRAME														
22G031/501	11:00:58	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-8	134.5/50.7	4/-43	031/18:23:04	00:10.1	
		BB1	SDR 44	43	1	0	0		52.16	25.00		FN0062/25	1			
		SCAN VER&CAL-CAM 2														
22G032/501	11:01:08	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-8	134.5/50.7	4/-43	031/18:23:14	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0062/26	1			
		CALIBRATION FRAME														
22G033/502	06:58:18	SINGLE	135.0/137.5	20	.04	4/2	1	2	REC/UH	16K	-19	81.1/13.9	316/- 6	032/14:59:59	00:14.5	
		SUN	SDR 60	0	0	4	1		31.34	4.75		FN0062/27	1			
		AM DAILY SUN DIODE														
22G034/502	09:45:00	SINGLE	285.0/290.0	-20	.04	8/2	1	4	REC/UH	16K	-12	113.6/40.6	347/-32	032/17:46:41	00:27.9	
		BB1	SDR 128	126	2	0	0		67.80	46.17		FN0062/28	1			
		RTC MAGNET														
22G035/502	12:09:30	SINGLE	17.5/ 25.0	-20	.04	8/2	1	4	REC/UH	16K	-4	159.8/57.0	25/-52	032/20:11:11	00:41.2	
		BB1	SDR 187	0	0	2	1		139.12	41.08		FN0062/29	1			
		MAGNET CLEAN														
22G036/502	12:23:00	SINGLE	130.0/165.0	-50	.04	8/2	1	4	REC/UH	16K	-2	165.5/57.6	30/-53	032/20:24:41	03:07.8	
		BB1	SDR 874	0	0	2	2		97.88	38.02		FN0062/30	1			
		F/C22B057 REPRO.														
22G037/502	12:35:30	SINGLE	105.0/112.5	-30	.04	0/2	1	4	REC/UH	16K	-2	171.0/58.0	34/-54	032/20:37:11	00:41.2	
		BB2	SDR 190	189	1	0	0		121.46	41.17		FN0062/31	1			
		BACKHOE TOUCHDOWN														
22G038/502	12:44:00	SINGLE	100.0/105.0	0	.04	8/2	1	4	REC/UH	16K	-2	174.7/58.2	37/-55	032/20:45:41	00:27.9	
		BB1	SDR 125	0	0	1	1		113.11	35.05		FN0062/32	1			
		BACKHOE														
22G039/502	13:01:00	SINGLE	70.0/ 92.5	-50	.04	8/2	1	4	REC/UH	16K	0	182.3/58.3	44/-56	032/21:02:41	02:01.2	
		BB1	SDR 565	564	1	0	0		137.62	37.41		FN0062/33	1			
		F/C22B058 REPRO.														
21G040/502	13:10:30	SINGLE	240.0/280.0	-30	.04	13/2	1	4	REC/UH	16K	2	186.5/58.1	224/-57	032/21:12:11	03:34.5	
		BB3	SDR 997	0	0	4	1		131.04	26.71		FN0062/34	2			
		F/C21B022 REPRO.														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS				
22G041/502	13:27:30	SINGLE	40.0/ 50.0	-30	.04	13/2	1	4	REC/UH	16K	0	193.9/57.7	56/-57	032/21:29:11	00:54.5	
		BB3	SDR 252	251	1	0	0		132.88	28.20		FN0062/35	1			
		DEEPHOLE #1														
22G042/502	13:35:00	SINGLE	100.0/105.0	0	.04	8/2	1	4	REC/UH	16K	2	197.1/57.3	59/-57	032/21:36:41	00:27.9	
		BB1	SDR 127	126	1	0	0		113.69	32.76		FN0062/36	1			
		BACKHOE														
22G043/502	13:48:00	SINGLE	100.0/105.0	0	.04	8/2	1	4	REC/UH	16K	2	202.6/56.6	65/-57	032/21:49:41	00:27.9	
		BB1	SDR 127	126	1	0	0		113.38	32.44		FN0062/37	1			
		BACKHOE														
21G044/502	18:08:19	SINGLE	142.5/145.0	30	.04	4/2	1	2	REC/UH	16K	6	270.9/21.2	321/-29	033/02:10:00	00:14.5	
		SUN	SDR 62	0	0	2	1		33.87	5.95		FN0062/38	1			
		PM DAILY SUN DIODE														
22G045/503	06:53:44	SINGLE	135.0/137.5	20	.04	4/2	1	2	REC/UH	16K	-19	80.3/13.3	315/- 5	033/15:35:00	00:14.5	
		SUN	SDR 65	64	1	0	0		31.48	4.92		FN0062/39	1			
		AM DAILY SUN DIODE														
21G046/503	07:38:45	SINGLE	142.5/215.0	-10	.04	13/2	1	4	REC/UH	16K	-12	88.2/20.6	139/-12	033/16:20:01	06:27.8	
		BB3	SDR 1804	1814	2	12	2		89.90	29.20		FN0062/40	3			
		F/C21B054 REPRO.														
22G047/503	12:26:29	SINGLE	172.5/187.5	-30	.04	13/2	1	4	REC/UH	16K	-2	167.2/57.9	31/-54	033/21:07:46	01:21.2	
		BB3	SDR 372	0	0	4	1		107.28	53.04		FN0062/41	1			
		F/C22B044 REPRO.														
22G048/503	12:29:29	SINGLE	115.0/157.5	-30	.04	13/2	1	4	REC/UH	16K	-2	168.5/58.0	32/-54	033/21:10:46	03:47.8	
		BB3	SDR 1062	1064	1	3	2		117.03	42.14		FN0062/42	2			
		F/C22B044 REPRO.														
21G049/503	12:34:59	SINGLE	212.5/242.5	-40	.04	8/2	1	4	REC/UH	16K	2	170.9/58.2	210/-55	033/21:16:16	02:41.2	
		BB1	SDR 752	751	2	1	1		127.37	23.44		FN0063/01	1			
		F/C21B021 REPRO.														
22G050/506	08:19:57	SINGLE	150.0/152.5	30	.04	4/2	1	2	REC/UH	16K	-13	95.6/27.8	330/-19	036/18:59:59	00:14.5	
		SUN	SDR 65	64	1	0	0		32.25	6.05		FN0063/02	1			
		AM SUN DIODE														
21G051/506	18:04:58	SINGLE	142.5/145.0	30	.04	4/2	1	2	REC/UH	16K	6	271.0/21.9	321/-30	037/04:45:00	00:14.5	
		SUN	SDR 65	64	1	0	0		34.38	6.45		FN0063/03	1			
		PM SUN DIODE														
22G052/508	13:10:59	SINGLE	50.0/ 95.0	-10	.04	13/2	1	4	REC/UH	16K	-2	187.8/59.0	49/-58	039/01:10:11	04:01.2	
		BB3	SDR 1128	1126	2	0	0		139.55	35.47		FN0063/04	2			
		REPRO F/C 22B013														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21G053/508	18:54:12	SINGLE	255.0/307.5	-10	.04	13/2	1	2	RT/UH	16K	6	280.0/14.0	331/-22	039/06:53:25	04:42.0	
		BB3	ISDR 1321	1314	7	0	0		168.10	48.40		FN0063/05	2			
		SURF MON														
21G054/508	19:19:06	SINGLE	187.5/257.5	-10	.04	13/2	1	2	RT/UH	16K	6	284.3/10.1	335/-18	039/07:18:18	06:15.0	
		BB3	SDR 1756	1751	6	1	1		97.99	32.42		FN0063/06	3			
		SURF MON														
22G055/509	06:56:11	SINGLE	135.0/137.5	20	.04	4/2	1	2	REC/UH	16K	-19	80.4/14.6	316/- 6	039/19:34:59	00:14.5	
		SUN	SDR 65	64	1	0	0		31.46	5.29		FN0063/07	1			
		AM SUN DIODE														
21G056/509	07:26:59	SINGLE	240.0/255.0	-10	.04	5/2	1	4	REC/UH	16K	-12	85.8/19.6	137/-11	039/20:05:47	01:21.2	
		BB4	SDR 377	376	2	1	1		48.68	29.10		FN0063/08	1			
		REPRO F/C 21B039														
21G057/509	18:16:10	SINGLE	145.0/147.5	30	.04	4/2	1	2	REC/UH	16K	-12	273.5/20.2	324/-28	040/06:54:58	00:14.5	
		SUN	SDR 67	314	3	0	0		126.49	60.36		FN0063/09	1			
		PM SUN DIODE														
21G058/511	18:17:01	SINGLE	145.0/147.5	30	.04	4/2	1	2	REC/UH	16K	8	274.0/20.2	324/-28	042/08:15:00	00:14.5	
		SUN	SDR 62	0	0	2	1		33.80	5.56		FN0063/10	1			
		PM SUN DIODE														
22G059/512	06:57:26	SINGLE	135.0/137.5	20	.04	4/2	1	2	REC/UH	16K	-17	80.5/15.3	316/- 7	042/21:35:00	00:14.5	
		SUN	SDR 62	0	0	2	1		31.42	5.05		FN0063/11	1			
		AM SUN DIODE														
22G060/512	16:09:03	COLOR	135.0/155.0	-30	.12	1/1	1	4	REC/UH	16K	-17	249.0/40.8	120/-47	043/06:46:37	01:48.0	
		BLU	SDR 171	314	3	0	0		126.49	60.36		FN0063/12	1			
		GRN	SDR 171	314	3	0	0		126.49	60.36		FN0063/13	1			
		RED	SDR 171	314	3	0	0		126.49	60.36		FN0063/14	1			
		SURF MON														
21G061/512	16:24:57	SINGLE	215.0/245.0	-30	.04	0/2	1	4	RT/UH	16K	6	252.6/38.3	300/-45	043/07:02:31	02:42.0	
		BB2	SDR 758	751	7	0	0		89.22	29.89		FN0063/15	1			
		SURF MON														
22G062/514	06:13:16	SINGLE	127.5/130.0	10	.04	4/2	1	1	REC/UH	16K	-19	72.8/ 8.6	308/- 1	044/22:10:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		69.20	5.23		FN0063/16	1			
		AM DAILY SUN DIODE														
21G063/514	18:13:16	SINGLE	145.0/147.5	30	.04	4/2	1	2	REC/UH	16K	6	273.8/20.9	324/-29	045/10:10:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		34.26	6.77		FN0063/17	1			
		PM DAILY SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA TOTAL RECORD LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21G064/515	12:38:39	SINGLE	95.0/137.5	0	.04	5/2	1	4	REC/UH	16K	2	174.1/60.0	212/-57	046/05:14:58	03:47.8	
		BB4	SDR 1062	0	0	2	1		119.91	53.44		FN0063/18	2			
		F/C A237/029 REPRO.														
21G065/515	18:13:40	SINGLE	145.0/147.5	30	.04	4/2	1	2	REC/UH	16K	6	274.1/20.9	325/-29	046/10:50:00	00:14.5	
		SUN	SDR 62	0	0	2	1		33.99	6.99		FN0063/19	1			
		PM DAILY SUN DIODE														
22G066/516	06:14:05	SINGLE	127.5/130.0	10	.04	4/2	1	1	REC/UH	16K	-15	72.9/ 9.0	308/- 1	046/23:29:59	00:14.5	
		SUN	SDR 65	64	1	0	0		68.78	5.11		FN0063/20	1			
		AM DAILY SUN DIODE														
21G067/517	07:13:29	SINGLE	252.5/290.0	-10	.04	5/2	1	4	REC/UH	16K	-10	83.1/18.7	134/-10	048/01:08:59	03:21.2	
		BB4	SDR 940	939	1	0	0		57.93	55.83		FN0063/21	2			
		F/C B009/032 REPRO.														
22G068/517	07:18:14	SINGLE	60.0/117.5	-10	.04	5/2	1	4	REC/UH	16K	-15	83.9/19.4	319/-11	048/01:13:44	05:07.8	
		BB4	SDR 1435	0	0	4	1		55.61	48.22		FN0063/22	2			
		F/C A236/029 REPRO														
21G069/517	07:24:29	SINGLE	110.0/142.5	0	.04	5/2	1	4	REC/UH	16K	-8	85.0/20.5	136/-12	048/01:19:59	02:54.5	
		BB4	SDR 812	0	0	2	1		106.14	22.64		FN0063/23	1			
		F/C B020/032 REPRO.														
21G070/517	12:27:59	SINGLE	180.0/215.0	-40	.04	8/2	1	4	REC/UH	16K	2	169.4/60.1	208/-56	048/06:23:29	03:07.8	
		BB1	SDR 878	876	2	0	0		116.74	41.69		FN0063/24	1			
		F/C B021/033 REPRO.														
22G071/517	12:32:59	SINGLE	265.0/327.5	0	.04	5/2	1	4	REC/UH	16K	-2	171.7/60.2	34/-57	048/06:28:29	05:34.5	
		BB4	SDR 1558	0	0	6	2		109.98	60.05		FN0063/25	2			
		F/C B003/031 REPRO.														
22G072/517	13:09:59	SINGLE	35.0/ 52.5	-10	.04	13/2	1	4	REC/UH	16K	0	189.0/60.2	50/-59	048/07:05:29	01:34.5	
		BB3	SDR 440	439	1	0	0		135.21	36.96		FN0063/26	1			
		F/C B013/032 REPRO.														
21G073/517	18:19:29	SINGLE	147.5/150.0	30	.04	4/2	1	2	REC/UH	16K	6	275.4/20.1	326/-28	048/12:14:58	00:14.5	
		SUN	SDR 65	64	1	0	0		34.25	5.13		FN0063/27	1			
		PM DAILY SUN DIODE														
22G074/518	06:14:55	SINGLE	127.5/130.0	10	.04	4/2	1	1	REC/UH	16K	-17	73.0/ 9.5	308/- 2	049/00:50:00	00:14.5	
		SUN	SDR 65	64	1	0	0		68.68	4.06		FN0063/28	1			
		AM DAILY SUN DIODE														
21G075/518	07:17:00	SINGLE	177.5/205.0	-50	.04	8/2	1	4	REC/UH	16K	-10	83.7/19.4	135/-11	049/01:52:05	02:27.9	
		BB1	SDR 690	689	1	0	0		54.99	31.43		FN0063/29	1			
		F/C B015/033 REPRO.														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22G076/518	18:51:29	SINGLE	72.5/130.0	-10	.04	13/2	1	2	RT/UH	16K	2	281.1/14.9	156/-23	049/13:26:34	05:20.0	
		BB3	ISDR 1499	1439	61	1	1		158.04	52.77		FN0063/30	2			
		SURFACE MONITOR														
22G077/520	06:15:44	SINGLE	127.5/130.0	10	.04	4/2	1	1	REC/UH	16K	-15	73.0/ 9.9	308/- 2	051/02:09:59	00:14.5	
		SUN	SDR 65	64	1	0	0		68.56	5.02		FN0063/31	1			
		AM DAILY SUN DIODE														
21G078/520	12:34:29	SINGLE	180.0/250.0	0	.04	5/2	1	4	REC/UH	16K	4	172.8/60.6	211/-57	051/08:28:45	06:14.5	
		BB4	ISDR 1775	1751	26	2	2		134.16	31.22		FN0063/32	3			
		F/C A231/027 REPRO.														
21G079/520	12:41:59	SINGLE	152.5/260.0	-20	.04	13/2	1	4	REC/UH	16K	6	176.3/60.8	214/-58	051/08:36:15	09:34.5	
		BB3	ISDR 2733	2689	44	0	0		133.42	33.59		FN0064/01	4			
		F/C A225/028 REPRO.														
21G080/520	18:20:44	SINGLE	147.5/150.0	30	.04	4/2	1	2	REC/UH	16K	6	276.1/20.0	327/-28	051/14:15:00	00:14.5	
		SUN	SDR 66	64	2	0	0		34.73	9.80		FN0064/02	1			
		PM DAILY SUN DIODE														
21G081/521	10:58:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-2	133.7/53.6	179/-46	052/07:32:50	00:10.1	
		BB1	SDR 41	0	0	2	1		5>.35	38.88		FN0064/03	1			
		SCAN VER&CAL-CAM 1														
21G082/521	10:59:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	0	133.8/53.7	179/-46	052/07:33:00	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0064/04	1			
		CALIBRATION FRAME														
22G083/521	11:00:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-6	134.4/53.9	4/-47	052/07:34:50	00:10.1	
		BB1	SDR 41	0	0	2	1		56.92	23.92		FN0064/05	1			
		SCAN VER&CAL-CAM 2														
22G084/521	11:01:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-6	134.5/53.9	4/-47	052/07:35:00	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0064/06	1			
		CALIBRATION FRAME														
22G085/521	12:35:59	SINGLE	95.0/165.0	-10	.04	5/2	1	4	REC/UH	16K	-2	173.6/60.8	35/-57	052/09:09:50	06:14.5	
		BB4	SDR 1750	0	0	1	1		130.40	46.31		FN0064/07	3			
		F/C A252/030 REPRO.														
22G086/522	06:16:34	SINGLE	127.5/130.0	10	.04	4/2	1	1	REC/UH	16K	-17	73.1/10.3	308/- 2	053/03:30:00	00:14.5	
		SUN	SDR 65	64	1	0	0		68.45	5.24		FN0064/08	1			
		AM DAILY SUN DIODE														
21G087/522	10:12:30	SINGLE	215.0/222.5	-30	.04	0/2	1	4	REC/UH	16K	-2	119.7/47.7	168/-40	053/07:25:56	00:41.2	
		BB2	SDR 190	189	1	0	0		76.48	33.71		FN0064/09	1			
		BACKHOE TOUCHDOWN														

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VL-2 CAMERA EVENT REPORT

CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22G088/522 12:41:00	SINGLE	162.5/215.0	-10	.04	5/2	1	4	REC/UH	16K	0	176.1/61.0	37/-58	053/09:54:25	04:41.2	
	BB4	ISDR 1315	1314	1	0	0		135.60	65.66		FN0064/10	2			
	F/C A252/030 REPRO.														
21G089/522 18:01:29	SINGLE	260.0/285.0	-20	.04	13/2	1	4	REC/UH	16K	6	273.0/23.2	323/-31	053/15:14:55	02:14.5	
	BB3	SDR 627	626	1	0	0		79.66	26.40		FN0064/11	1			
	F/C A216/025 REPRO.														
21G090/522 18:16:33	SINGLE	147.5/150.0	30	.04	4/2	1	2	REC/UH	16K	8	275.7/20.7	326/-28	053/15:29:59	00:14.5	
	SUN	SDR 68	64	4	0	0		38.69	21.63		FN0064/12	1			
	PM DALY SUN DIODE														
22G091/523 06:16:58	SINGLE	127.5/130.0	10	.04	4/2	1	1	REC/UH	16K	-19	73.1/10.5	308/- 3	054/04:10:00	00:14.5	
	SUN	SDR 62	0	0	2	1		69.05	4.81		FN0064/13	1			
	AM DAILY SUN DIODE														
21G092/523 07:41:29	SINGLE	142.5/242.5	0	.04	5/2	1	4	REC/UH	16K	-8	87.7/24.1	139/-16	054/05:34:30	08:54.5	
	BB4	ISDR 2506	2501	5	0	0		96.23	29.96		FN0064/14	4			
	F/C A164/022 REPRO.														
21G093/523 17:53:59	SINGLE	240.0/245.0	-30	.04	0/2	1	3	REC/UH	16K	6	271.8/24.4	322/-32	054/15:47:00	00:27.9	
	BB2	SDR 125	0	0	1	1		124.22	45.57		FN0064/15	1			
	CONICAL PILE														
21G094/523 18:01:29	SINGLE	282.5/302.5	-10	.04	5/2	1	4	REC/UH	16K	6	273.2/23.2	324/-31	054/15:54:30	01:47.9	
	BB4	SDR 500	0	0	1	1		95.36	19.41		FN0064/16	1			
	F/C A161/021 REPRO.														
21G095/524 10:44:59	SINGLE	235.0/245.0	-30	.04	0/2	1	4	REC/UH	16K	0	129.2/52.4	175/-45	055/09:17:35	00:54.5	
	BB2	SDR 250	0	0	1	1		79.37	35.22		FN0064/17	1			
	POST ACQ., 8SCA														
21G096/524 14:20:22	SINGLE	275.0/332.5	-10	.04	13/2	1	4	RT/UH	16K	6	220.1/56.0	259/-59	055/12:52:58	05:20.0	
	BB3	ISDR 1500	1439	61	0	0		134.26	31.97		FN0064/18	2			
	SURFACE MONITOR														
21G097/524 17:54:29	SINGLE	302.5/335.0	-10	.04	5/2	1	4	REC/UH	16K	8	272.1/24.4	322/-32	055/16:27:06	02:54.5	
	BB4	ISDR 815	814	1	0	0		110.32	15.39		FN0064/19	1			
	F/C21A168/022 REPRO														
22G098/524 17:58:59	SINGLE	107.5/182.5	-10	.04	5/2	1	4	REC/UH	16K	4	272.9/23.7	147/-31	055/16:31:36	06:41.2	
	BB4	ISDR 1871	0	0	5	2		106.84	19.80		FN0064/20	3			
	F/C22A148/022 REPRO														
22G099/524 18:06:59	SINGLE	12.5/ 52.5	-20	.04	13/2	1	4	REC/UH	16K	4	274.3/22.4	149/-30	055/16:39:36	03:34.5	
	BB3	ISDR 998	0	0	3	2		54.71	25.49		FN0064/21	2			
	F/C22A121/016 REPRO														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21G100/524	18:13:59	SINGLE	125.0/147.5	-10	.04	13/2	1	4	REC/UH	16K	8	275.5/21.2	326/-29	055/16:46:36	02:01.2	
		BB3	ISDR	565	564	1	0	0	68.90	24.43		FN0064/22	1			
		F/C21A150/020 REPRO														
22G101/524	18:17:29	SINGLE	67.5/107.5	-10	.04	5/2	1	4	REC/UH	16K	4	276.1/20.7	151/-28	055/16:50:06	03:34.5	
		BB4	ISDR	1002	1001	2	1	1	73.60	26.55		FN0064/23	2			
		F/C22A143/019 REPRO														
21G102/524	18:23:49	SINGLE	260.0/282.5	-10	.04	5/2	1	4	REC/UH	16K	8	277.2/19.6	328/-27	055/16:56:26	02:01.2	
		BB4	ISDR	558	0	0	6	2	71.92	22.22		FN0064/24	1			
		F/C21A151/020 REPRO														
22G103/525	06:02:46	SINGLE	125.0/127.5	10	.04	4/2	1	1	REC/UH	16K	-17	70.6/ 8.6	306/- 1	056/05:14:58	00:14.5	
		SUN	ISDR	62	0	0	2	1	67.54	2.32		FN0064/25	1			
		AM DAILY SUN DIODE														
21G104/525	13:35:53	COLOR	130.0/265.0	-20	.12	1/1	1	4	RT/UH	16K	4	202.3/59.9	239/-61	056/12:48:05	12:02.0	
		BLU	ISDR	1122	1127	1	5	1	89.13	39.68		FN0064/26	2			
		GRN	ISDR	1122	1127	1	5	1	101.95	40.95		FN0064/27	2			
		RED	ISDR	1123	1127	1	4	1	112.47	38.76		FN0064/28	2			
		SURFACE MONITOR														
22G105/525	13:48:35	COLOR	75.0/172.5	-30	.12	1/1	1	4	RT/UH	16K	0	207.8/59.0	69/-60	056/13:00:47	08:42.0	
		BLU	ISDR	813	815	1	2	2	90.84	32.22		FN0065/01	1			
		GRN	ISDR	814	815	1	1	1	106.30	35.12		FN0065/02	1			
		RED	ISDR	813	815	1	2	2	139.17	41.94		FN0065/03	1			
		SURFACE MONITOR														
21G106/525	18:17:47	SINGLE	147.5/150.0	10	.12	4/3	1	2	REC/UH	16K	6	276.3/20.6	327/-28	056/17:29:59	00:05.6	
		SUN	SDR	25	22	3	0	0	36.57	12.82		FN0065/04	1			
		PM DAILY SUN DIODE														
22G107/526	13:02:00	COLOR	140.0/165.0	-30	.12	1/1	1	4	REC/UH	16K	-2	186.8/61.4	47/-60	057/12:53:47	02:14.5	
		BLU	SDR	209	0	0	0	0	82.97	44.84		FN0065/05	1			
		GRN	SDR	208	0	0	1	1	94.31	47.38		FN0065/06	1			
		RED	SDR	208	0	0	1	1	120.90	49.42		FN0065/07	1			
		F/C22A190/023 REPRO														
22G108/526	13:13:00	IR	140.0/165.0	-30	.12	9/1	1	4	REC/UH	16K	0	192.0/61.1	52/-60	057/13:04:47	02:14.5	
		IR3	ISDR	208	0	0	1	1	86.25	31.59		FN0065/08	1			
		IR2	ISDR	207	0	0	2	2	83.19	30.56		FN0065/09	1			
		IR1	ISDR	208	0	0	1	1	95.68	35.34		FN0065/10	1			
		F/C22A191/023 REPRO														
22G109/526	18:22:59	SINGLE	137.5/157.5	-30	.04	0/2	1	4	REC/UH	16K	2	277.4/19.8	152/-28	057/18:14:46	01:47.9	
		BB2	SDR	502	501	1	0	0	64.58	29.64		FN0065/11	1			
		F/C22A163/021 REPRO														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA TOTAL RECORD LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22G110/528	06:04:02	SINGLE	125.0/127.5	10	.12	4/3	1	1	REC/UH	16K	-17	70.8/ 9.2	306/- 1	059/07:14:59	00:05.6	
		SUN	SDR 21	0	0	1	1		68.45	2.52		FN0065/12	1			
		AM DAILY SUN DIODE														
21G111/528	18:14:02	SINGLE	147.5/150.0	10	.12	4/3	1	2	REC/UH	16K	8	276.1/21.4	327/-29	059/19:25:00	00:05.6	
		SUN	SDR 21	0	0	1	1		33.74	3.36		FN0065/13	1			
		PM DAILY SUN DIODE														
22G112/534	13:19:00	SINGLE	290.0/295.0	-20	.04	13/2	1	3	REC/UH	16K	0	196.3/61.7	56/-61	065/18:27:29	00:27.9	
		BB3	SDR 127	126	1	0	0		93.58	49.06		FN0065/14	1			
		BACKHOE IN MIRROR														
21G113/536	09:07:20	SINGLE	235.0/245.0	-30	.04	0/2	1	4	REC/UH	16K	-4	103.7/39.7	154/-31	067/15:35:00	00:54.5	
		BB2	SDR 250	0	0	1	1		53.11	30.94		FN0065/15	1			
		POST ACQUISITION														
22G114/537	06:02:44	SINGLE	125.0/127.5	10	.04	4/2	1	2	REC/UH	16K	-15	70.3/10.2	305/- 2	068/13:09:59	00:14.5	
		SUN	SDR 65	64	1	0	0		31.15	2.41		FN0065/16	1			
		AM SUN DIODE														
22G115/537	10:01:59	SINGLE	10.0/ 50.0	-10	.04	13/2	1	4	REC/UH	16K	-6	116.5/48.2	349/-40	068/17:09:13	03:34.5	
		BB3	SDR 1002	1001	1	0	0		128.89	34.68		FN0065/17	2			
		REPRO F/C 097A/014														
21G116/537	10:58:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	2	133.7/55.8	179/-49	068/18:06:13	00:10.1	
		BB1	SDR 46	43	3	0	0		58.84	38.52		FN0065/18	1			
		SCAN VER														
21G117/537	10:59:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	2	133.7/55.9	179/-49	068/18:06:23	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0065/19	1			
		CALIBRATION FRAME														
22G118/537	11:00:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-4	134.4/56.1	3/-49	068/18:08:13	00:10.1	
		BB1	SDR 46	43	3	0	0		61.42	32.49		FN0065/20	1			
		SCAN VER														
22G119/537	11:01:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-2	134.4/56.1	3/-49	068/18:08:23	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0065/21	1			
		CALIBRATION FRAME														
22G120/537	12:54:04	COLOR	285.0/315.0	0	.12	1/1	1	4	REC/UH	16K	2	184.7/62.8	44/-61	068/20:01:19	02:41.2	
		BLU	SDR 249	0	0	2	1		83.60	59.66		FN0065/22	1			
		GRN	SDR 248	0	0	3	1		87.20	60.91		FN0065/23	1			
		RED	SDR 248	0	0	3	1		94.89	59.54		FN0065/24	1			
		REPRO F/C 158A/021														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22G121/537	13:09:08	IR	285.0/315.0	0	.12	9/1	1	4	REC/UH	16K	2	192.2/62.4	51/-61	068/20:16:23	02:41.2	
		IR3	SDR	250	0	0	1	1	69.82	41.25		FN0065/25	1			
		IR2	SDR	250	0	0	1	1	68.19	40.11		FN0065/26	1			
		IR1	SDR	250	0	0	1	1	74.30	44.84		FN0065/27	1			
		REPRO F/C 159A/021														
21G122/537	17:50:59	SINGLE	217.5/260.0	-10	.04	13/2	1	4	REC/UH	16K	8	273.3/25.4	324/-33	069/00:58:14	03:47.8	
		BB3	SDR	1062	0	0	2	1	63.61	23.81		FN0065/28	2			
		REPRO F/C 075A/010														
22G123/537	17:57:59	SINGLE	305.0/315.0	0	.04	5/2	1	4	REC/UH	16K	4	274.6/24.2	149/-32	069/01:05:14	00:54.5	
		BB4	SDR	247	0	0	4	1	43.08	19.59		FN0065/29	1			
		REPRO F/C 135A/018														
21G124/537	18:17:44	SINGLE	150.0/152.5	30	.04	4/2	1	3	REC/UH	16K	10	278.0/21.0	329/-29	069/01:24:59	00:14.5	
		SUN	SDR	65	64	1	0	0	32.35	17.07		FN0065/30	1			
		PM SUN DIODE														
22G125/538	06:03:09	SINGLE	125.0/127.5	10	.04	4/2	1	2	REC/UH	16K	-17	70.3/10.4	306/- 3	069/13:49:59	00:14.5	
		SUN	SDR	66	64	2	0	0	32.27	9.92		FN0065/31	1			
		AM SUN DIODE														
21G126/538	18:18:10	SINGLE	150.0/152.5	30	.04	4/2	1	3	REC/UH	16K	8	278.2/21.0	329/-29	070/02:05:00	00:14.5	
		SUN	SDR	66	64	2	0	0	54.38	30.18		FN0065/32	1			
		PM SUN DIODE														
21G127/540	16:22:59	SINGLE	185.0/232.5	-30	.04	0/2	1	4	REC/UH	16K	8	257.0/39.7	305/-47	072/01:28:59	04:14.5	
		BB2	SDR	1190	1189	1	0	0	75.10	32.30		FN0065/33	2			
		REPRO F/C A052/007														
22G128/541	05:49:23	SINGLE	122.5/125.0	10	.04	4/2	1	2	REC/UH	16K	-17	67.9/ 8.6	303/- 1	072/15:34:59	00:14.5	
		SUN	SDR	65	64	1	0	0	31.10	1.78		FN0065/34	1			
		AM SUN DIODE														
21G129/541	18:19:22	SINGLE	150.0/152.5	30	.04	4/2	1	3	REC/UH	16K	8	278.8/20.9	330/-29	073/04:04:58	00:14.5	
		SUN	SDR	65	64	1	0	0	33.76	20.60		FN0065/35	1			
		PM SUN DIODE														
22G130/542	19:55:21	IR	90.0/120.0	-30	.12	9/1	1	3	RT/UH	16K	2	295.2/ 6.0	170/-13	074/06:20:32	02:42.0	
		IR3	ISDR	252	252	1	0	0	36.34	11.34		FN0065/36	1			
		IR2	ISDR	252	252	1	0	0	35.31	10.81		FN0065/37	1			
		IR1	ISDR	252	252	1	0	0	38.82	12.08		FN0065/38	1			
		SURF MON														
22G131/542	20:14:52	SINGLE	95.0/190.0	-10	.04	5/2	1	3	RT/UH	16K	2	298.6/ 3.2	174/-10	074/06:40:03	08:28.0	
		BB4	SDR	2380	2376	5	1	1	39.26	11.05		FN0065/39	3			
		SURF MON														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21G132/543	12:55:00	SINGLE	245.0/282.5	-30	.04	13/2	1	4	REC/UH	16K	6	186.2/63.3	221/-62	074/23:59:46	03:21.2	
		BB3	ISDR 940	939	1	0	0		127.13	26.35		FN0065/40	2			
		SURF MON														
21G133/543	17:50:13	SINGLE	275.0/302.5	-30	.04	0/2	1	4	REC/UH	16K	8	274.0/25.7	324/-33	075/04:55:00	02:27.9	
		BB2	SDR 689	689	1	1	1		88.07	24.52		FN0066/01	1			
		REPRO F/C A032/004														
22G134/544	05:50:38	SINGLE	122.5/125.0	10	.04	4/2	1	2	REC/UH	16K	-17	68.1/ 9.2	303/- 2	075/17:34:59	00:14.5	
		SUN	SDR 62	0	0	2	1		31.14	2.31		FN0066/02	1			
		AM SUN DIODE														
21G135/544	18:15:38	SINGLE	150.0/152.5	30	.04	4/2	1	3	REC/UH	16K	10	278.5/21.6	329/-29	076/05:59:59	00:14.5	
		SUN	SDR 66	64	2	0	0		66.14	40.41		FN0066/03	1			
		PM SUN DIODE														
21G136/545	17:11:29	SINGLE	235.0/245.0	-30	.04	0/2	1	4	REC/UH	16K	10	267.3/32.0	317/-40	077/05:35:25	00:54.5	
		BB2	SDR 253	251	2	0	0		72.75	28.66		FN0066/04	1			
		POST DIG, SSCA														
22G137/545	17:44:15	SINGLE	260.0/332.5	0	.04	5/2	1	4	RT/UH	16K	6	273.2/26.7	148/-34	077/06:08:12	06:28.0	
		BB4	ISDR 1817	1814	4	1	1		61.33	52.76		FN0066/05	3			
		SURFACE MON														
21G138/545	18:12:44	SINGLE	80.0/150.0	0	.04	5/2	1	4	RT/UH	16K	8	278.1/22.1	329/-30	077/06:36:40	06:15.0	
		BB4	SDR 1757	1751	6	0	0		69.45	50.86		FN0066/06	3			
		SURFACE MON														
21G139/546	18:06:20	SINGLE	270.0/297.5	-20	.04	13/2	1	4	REC/UH	16K	10	277.2/23.1	328/-31	078/07:09:52	02:27.9	
		BB3	ISDR 690	689	1	0	0		85.49	25.05		FN0066/07	1			
		PM SUN DIODES														
21G140/548	18:27:17	SINGLE	152.5/155.0	30	.04	4/2	1	3	REC/UH	16K	8	281.0/19.8	332/-28	080/08:50:00	00:14.5	
		SUN	ISDR 66	64	2	0	0		77.42	66.54		FN0066/08	1			
		PM SUN DIODES														
22G141/549	05:47:41	SINGLE	122.5/125.0	10	.04	4/2	1	2	REC/UH	16K	-17	67.5/ 9.3	303/- 2	080/20:49:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.15	2.55		FN0066/09	1			
		AM SUN DIODES														
22G142/552	05:48:56	SINGLE	122.5/125.0	10	.04	4/2	1	2	REC/UH	16K	-15	67.6/ 9.8	303/- 2	083/22:49:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.14	2.28		FN0066/10	1			
		AM SUN DIODES														
21G143/552	18:23:56	SINGLE	152.5/155.0	30	.04	4/2	1	3	REC/UH	16K	10	280.9/20.4	332/-28	084/11:25:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		34.43	18.89		FN0066/11	1			
		PM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22G144/552	19:47:09	COLOR	90.0/165.0		-30 .12	1/1	1	3	RT/UH	16K	2	294.9/ 7.5	170/-15	084/12:48:13	06:42.0	
		BLU	ISDR	622	627 1	5	1		45.28	27.14		FN0066/12	1			
		GRN	ISDR	622	627 1	5	1		49.23	26.71		FN0066/13	1			
		RED	ISDR	623	627 1	4	1		56.89	23.00		FN0066/14	1			
		SURF MON														
22G145/553	05:49:19	SINGLE	122.5/125.0		10 .04	4/2	1	2	REC/UH	16K	-15	67.7/ 9.9	303/- 2	084/23:29:58	00:14.5	
		SUN	ISDR	65	64 1	0	0		31.19	2.80		FN0067/01	1			
		AM SUN DIODE														
22G146/553	10:14:59	SINGLE	10.0/325.0		-10 .12	14/3	1	4	REC/UH	16K	-4	119.7/51.9	351/-44	085/03:55:38	09:21.1	
		SURV	ISDR	2606	0 0	20	12		117.53	50.66		FN0067/02	4			
		F/C A002/000														
21G147/553	10:58:59	SINGLE	.0/ 5.0		0 .12	8/3	1	4	REC/UH	16K	2	133.8/57.7	178/-50	085/04:39:38	00:10.1	
		BB1	ISDR	41	0 0	2	1		56.81	39.44		FN0067/03	1			
		SCAN VER														
21G148/553	10:59:09	SINGLE	170.0/170.0		-40	/7			REC/UH	16K	2	133.8/57.7	178/-50	085/04:39:48	00:18.0	
		CAL	SDR	84	0 0	0	0		.00	.00		FN0067/04	1			
		CALIBRATION FRAME														
22G149/553	11:00:59	SINGLE	.0/ 5.0		0 .12	8/3	1	4	REC/UH	16K	0	134.5/57.9	3/-51	085/04:41:38	00:10.1	
		BB1	SDR	41	0 0	2	1		57.00	24.36		FN0067/05	1			
		SCAN VER														
22G150/553	11:01:09	SINGLE	170.0/170.0		-40	/7			REC/UH	16K	2	134.5/57.9	3/-51	085/04:41:48	00:18.0	
		CAL	SDR	84	0 0	0	0		.00	.00		FN0067/06	1			
		CALIBRATION FRAME														
22G151/553	15:04:59	COLOR	15.0/ 80.0		0 .12	1/1	1	4	REC/UH	16K	6	240.2/52.0	107/-58	085/08:45:38	05:47.8	
		BLU	SDR	542	0 0	1	1		96.12	35.41		FN0067/07	1			
		GRN	SDR	541	0 0	2	1		106.97	36.86		FN0067/08	1			
		RED	SDR	541	0 0	2	1		123.71	39.59		FN0067/09	1			
		REPRO F/C A016/002														
22G152/553	15:14:59	COLOR	155.0/187.5		0 .12	1/1	1	4	REC/UH	16K	6	242.9/50.5	111/-57	085/08:55:38	02:54.5	
		BLU	SDR	270	0 0	2	2		93.04	32.20		FN0067/10	1			
		GRN	SDR	270	0 0	2	2		100.28	34.05		FN0067/11	1			
		RED	SDR	270	0 0	2	1		110.19	39.80		FN0067/12	1			
		REPRO F/C A018/002														
21G153/553	17:17:59	SINGLE	182.5/255.0		-50 .04	8/2	1	4	REC/UH	16K	10	269.5/31.1	319/-39	085/10:58:38	06:27.8	
		BB1	SDR	1808	0 0	6	2		50.74	23.59		FN0067/13	3			
		REPRO F/C A031/004														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22G154/553	17:42:59	SINGLE	60.0/105.0	-10	.04	13/2	1	4	REC/UH	16K	6	274.0/27.1	148/-35	085/11:23:38	04:01.2	
		BB3	SDR 1125	0	0	1	1		83.70	30.33		FN0067/14	2			
		REPRO F/C A011/001														
21G155/553	17:47:59	SINGLE	232.5/275.0	-30	.04	0/2	1	4	REC/UH	16K	10	274.8/26.2	325/-34	085/11:28:38	03:47.8	
		BB2	SDR 1054	0	0	10	1		62.13	24.95		FN0067/15	2			
		REPRO F/C A044/006														
21G156/553	18:24:20	SINGLE	152.5/155.0	30	.04	4/2	1	3	REC/UH	16K	10	281.0/20.4	332/-28	085/12:04:58	00:14.5	
		SUN	SDR 62	0	0	2	1		34.78	19.63		FN0067/16	1			
		PM SUN DIODE														
22G157/554	10:04:11	COLOR	285.0/295.0	-20	.12	1/1	1	4	REC/UH	16K	-4	116.7/50.5	349/-42	086/04:24:25	00:54.5	
		BLU	SDR 82	0	0	2	2		74.04	42.45		FN0067/17	1			
		GRN	SDR 83	0	0	1	1		67.93	46.44		FN0067/18	1			
		RED	SDR 82	0	0	2	2		75.43	50.96		FN0067/19	1			
		RTC AND B/H MAGNETS														
22G158/554	10:06:00	IR	285.0/295.0	-20	.12	9/1	1	4	REC/UH	16K	-4	117.2/50.7	349/-42	086/04:26:14	00:54.5	
		IR3	SDR 84	0	0	0	0		56.09	35.90		FN0067/20	1			
		IR2	SDR 83	0	0	1	1		54.23	33.83		FN0067/21	1			
		IR1	SDR 83	0	0	1	1		59.80	38.23		FN0067/22	1			
		RTC AND B/H MAGNETS														
22G159/554	11:50:00	SINGLE	105.0/110.0	-30	.04	0/2	1	4	REC/UH	16K	0	154.9/62.7	18/-57	086/06:10:14	00:27.9	
		BB2	SDR 128	126	2	0	0		114.56	36.61		FN0067/23	1			
		PRE-SCRATCH, GIBRALTAR														
22G160/555	05:40:10	SINGLE	120.0/122.5	10	.04	4/2	1	2	REC/UH	16K	-15	66.1/ 8.8	301/- 1	087/00:40:00	00:14.5	
		SUN	SDR 62	0	0	2	1		31.11	1.85		FN0067/24	1			
		AM SUN DIODE														
22G161/555	07:06:44	SINGLE	115.0/125.0	-40	.04	8/2	1	3	REC/UH	16K	-13	80.7/22.3	316/-14	087/02:06:34	00:54.5	
		BB1	SDR 250	0	0	1	1		73.95	32.04		FN0067/25	1			
		TDE MAP IN MIRROR														
22G162/555	07:11:13	SINGLE	117.5/127.5	-40	.04	8/2	1	3	REC/UH	16K	-13	81.5/23.0	317/-15	087/02:11:03	00:54.5	
		BB1	SDR 252	251	1	0	0		74.89	34.75		FN0067/26	1			
		TDE MAP IN MIRROR														
22G163/555	07:15:42	SINGLE	117.5/130.0	-40	.04	8/2	1	3	REC/UH	16K	-13	82.2/23.7	318/-15	087/02:15:32	01:07.9	
		BB1	SDR 316	314	2	0	0		79.31	39.32		FN0067/27	1			
		TDE MAP IN MIRROR														
22G164/555	07:20:11	SINGLE	120.0/132.5	-50	.04	8/2	1	3	REC/UH	16K	-12	83.0/24.5	318/-16	087/02:20:01	01:07.9	
		BB1	SDR 318	314	4	0	0		77.11	34.00		FN0067/28	1			
		TDE MAP IN MIRROR														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22G165/555	07:24:45	SINGLE	120.0/132.5	-50	.04	8/2	1	3	REC/UH	16K	-12	83.8/25.2	319/-17	087/02:24:35	01:07.9	
		BB1	SDR 316	314	2	0	0		78.99	36.14		FN0067/29	1			
		TDE MAP IN MIRROR														
22G166/555	07:29:19	SINGLE	120.0/132.5	-50	.04	8/2	1	3	REC/UH	16K	-12	84.6/25.9	320/-17	087/02:29:09	01:07.9	
		BB1	SDR 312	0	0	2	1		80.36	35.00		FN0067/30	1			
		TDE MAP IN MIRROR														
22G167/555	07:33:53	SINGLE	120.0/132.5	-50	.04	8/2	1	3	REC/UH	16K	-12	85.3/26.7	321/-18	087/02:33:43	01:07.9	
		BB1	ISDR 313	0	0	1	1		82.08	35.11		FN0067/31	1			
		TDE MAP IN MIRROR														
21G168/555	16:04:59	SINGLE	235.0/245.0	-30	.04	0/2	1	4	REC/UH	16K	10	255.4/43.0	303/-50	087/11:04:48	00:54.5	
		BB2	SDR 253	251	2	0	0		89.64	30.14		FN0067/32	1			
		POST ACQ., DEEP HOLE														
21G169/555	18:20:10	SINGLE	152.5/155.0	30	.04	4/2	1	3	REC/UH	16K	10	280.5/21.1	331/-29	087/13:19:59	00:14.5	
		SUN	SDR 65	64	1	0	0		32.87	16.95		FN0067/33	1			
		PM SUN DIODE														
22G170/556	11:49:59	SINGLE	105.0/110.0	-30	.04	0/2	1	4	REC/UH	16K	0	155.0/62.9	18/-57	088/07:29:23	00:27.9	
		BB2	SDR 125	0	0	1	1		112.73	38.33		FN0067/34	1			
		POST SCRATCH, GIBRALTAR														
21G171/557	10:58:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	2	133.8/58.1	178/-51	089/07:17:59	00:10.1	
		BB1	SDR 45	43	2	0	0		53.82	36.79		FN0067/35	1			
		SCAN VER														
21G172/557	10:59:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	2	133.9/58.1	178/-51	089/07:18:09	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0067/36	1			
		CALIBRATION FRAME														
22G173/557	11:00:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-4	134.5/58.3	3/-51	089/07:19:59	00:10.1	
		BB1	SDR 45	43	2	0	0		52.39	24.90		FN0067/37	1			
		SCAN VER														
22G174/557	11:01:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-2	134.6/58.3	3/-51	089/07:20:09	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0067/38	1			
		CALIBRATION FRAME														
21G175/557	12:30:59	SINGLE	245.0/260.0	-20	.04	13/2	1	4	REC/UH	16K	6	175.7/64.7	211/-61	089/08:49:59	01:21.2	
		BB3	SDR 378	376	2	0	0		125.65	33.11		FN0067/39	1			
		SURF MON														
22G176/557	15:19:59	COLOR	80.0/165.0	-20	.12	1/1	1	4	REC/UH	16K	6	244.9/49.9	113/-56	089/11:38:59	07:34.5	
		BLU	ISDR 707	0	0	2	2		96.83	27.41		FN0067/40	1			
		GRN	ISDR 707	0	0	2	1		109.70	30.03		FN0067/41	1			
		RED	ISDR 707	0	0	2	1		135.52	38.61		FN0067/42	1			
		REPRO F/C A003/000														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS				
21G177/557	16:40:59	SINGLE	145.0/185.0	10	.12	1/3	1	5	REC/UH	16K	10	263.0/37.2	312/-45	089/12:59:59	01:12.3	
		BLU	SDR 336	334	2	0	0		96.95	67.63	FN0068/01	1				
		PM SKY BRIGHTNESS														
21G178/557	16:43:04	SINGLE	185.0/307.5	10	.12	1/3	1	4	REC/UH	16K	10	263.5/36.9	312/-44	089/13:02:04	03:38.9	
		BLU	SDR 1023	1022	1	0	0		86.88	42.12	FN0068/02	2				
		PM SKY BRIGHTNESS														
22G179/557	17:44:59	SINGLE	80.0/127.5	-30	.04	0/2	1	4	REC/UH	16K	6	274.8/26.8	149/-35	089/14:03:59	04:14.5	
		BB2	SDR 1185	0	0	4	1		75.40	35.51	FN0068/03	2				
		REPRO F/C A005/000														
21G180/557	18:20:59	SINGLE	152.5/155.0	30	.04	4/2	1	3	REC/UH	16K	10	280.9/21.0	332/-29	089/14:39:59	00:14.5	
		SUN	SDR 62	0	0	2	1		34.17	19.54	FN0068/04	1				
		PM SUN DIODE														
21G181/557	20:40:59	COLOR	177.5/177.5	10	.12	1/1	1	5	REC/UH	250	10	304.8/ .1	356/- 7	089/16:59:58	24:11.2	R
		BLU	ISDR 33	2	33	1	1		101.54	58.28	FN0068/05	1				
		GRN	ISDR 34	2	33	0	0		93.95	54.93	FN0068/06	1				
		RED	ISDR 34	2	33	0	0		69.19	39.98	FN0068/07	1				
		PM TWILIGHT RESCAN														
21G182/557	21:07:04	COLOR	182.5/182.5	10	.12	1/1	1	3	REC/UH	250	4	309.6/- 3	/- 3	089/17:26:03	24:11.2	R
		BLU	ISDR 33	2	33	1	1		106.30	65.19	FN0068/08	1				
		GRN	ISDR 34	2	33	0	0		100.52	59.66	FN0068/09	1				
		RED	ISDR 34	2	33	0	0		78.66	44.49	FN0068/10	1				
		PM TWILIGHT RESCAN														
21G183/557	21:33:09	COLOR	187.5/187.5	10	.12	1/1	1	2	REC/UH	250	4	314.6/- 6	5/-	089/17:52:08	24:11.2	R
		BLU	ISDR 33	2	33	1	1		69.74	54.25	FN0068/11	1				
		GRN	ISDR 34	2	33	0	0		66.46	47.76	FN0068/12	1				
		RED	ISDR 34	2	33	0	0		53.91	27.93	FN0068/13	1				
		PM TWILIGHT RESCAN														
21G184/557	21:59:14	COLOR	192.5/192.5	10	.12	1/1	1	1	REC/UH	250	6	319.7/- 9	10/ 3	089/18:18:13	24:11.2	R
		BLU	ISDR 32	2	33	2	2		90.11	40.31	FN0068/14	1				
		GRN	ISDR 34	2	33	0	0		88.32	36.62	FN0068/15	1				
		RED	ISDR 34	2	33	0	0		79.12	20.25	FN0068/16	1				
		PM TWILIGHT RESCAN														
21G185/557	22:25:19	COLOR	197.5/197.5	10	.12	1/1	1	0	REC/UH	250	6	325.1/-11	15/ 6	089/18:44:18	24:11.2	R
		BLU	ISDR 33	2	33	1	1		141.80	17.87	FN0068/17	1				
		GRN	ISDR 32	2	33	2	2		140.77	14.15	FN0068/18	1				
		RED	ISDR 34	2	33	0	0		137.75	7.32	FN0068/19	1				
		PM TWILIGHT RESCAN														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22G186/558	05:36:24	SINGLE	120.0/122.5	10	.04	4/2	1	2	REC/UH	16K	-15	65.4/ 8.5	301/- 1	090/02:34:59	00:14.5	
		SUN	SDR	66	64	2	0	0	33.90	14.17		FN0068/20	1			
		AM SUN DIODE														
21G187/558	18:16:24	SINGLE	152.5/155.0	30	.04	4/2	1	3	REC/UH	16K	-15	280.2/21.7	331/-29	090/15:14:59	00:14.5	
		SUN	SDR	67	314	3	0	0	126.49	60.36		FN0068/21	1			
		PM DAILY SUN DIODE														
21G188/558	18:59:59	SINGLE	242.5/260.0	-20	.04	13/2	1	4	REC/UH	16K	-15	287.5/14.8	339/-22	090/15:58:34	01:34.5	
		BB3	SDR	442	314	3	0	0	126.49	60.36		FN0068/22	1			
		SURFACE MONITOR														
22G189/559	05:36:50	SINGLE	120.0/122.5	10	.04	4/2	1	2	REC/UH	16K	-15	65.5/ 8.7	301/- 1	091/03:15:00	00:14.5	
		SUN	SDR	67	314	3	0	0	126.49	60.36		FN0068/23	1			
		AM DAILY SUN DIODE														
22G190/559	10:14:59	COLOR	305.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	-4	119.6/52.5	351/-44	091/07:53:10	00:27.9	
		BLU	SDR	40	0	0	3	1	99.33	41.28		FN0068/24	1			
		GRN	SDR	40	0	0	3	1	111.30	42.10		FN0068/25	1			
		RED	SDR	40	0	0	3	1	133.42	44.56		FN0068/26	1			
		MONITOR RTC #2														
22G191/559	10:16:29	IR	305.0/310.0	-10	.12	9/1	1	4	REC/UH	16K	-4	120.0/52.7	351/-45	091/07:54:40	00:27.9	
		IR3	SDR	41	0	0	2	1	96.72	37.10		FN0068/27	1			
		IR2	SDR	41	0	0	2	1	93.45	36.53		FN0068/28	1			
		IR1	SDR	41	0	0	2	1	104.77	38.71		FN0068/29	1			
		MONITOR RTC #2														
22G192/559	12:59:59	COLOR	85.0/ 95.0	-20	.12	1/1	1	4	REC/UH	16K	2	191.2/64.5	49/-63	091/10:38:09	00:54.5	
		BLU	SDR	84	0	0	0	0	97.09	26.31		FN0068/30	1			
		GRN	SDR	84	0	0	0	0	113.42	26.13		FN0068/31	1			
		RED	SDR	83	0	0	1	1	148.07	28.41		FN0068/32	1			
		MONITOR ALPHA														
22G193/559	13:01:49	IR	85.0/ 95.0	-20	.12	9/1	1	4	REC/UH	16K	2	192.1/64.5	50/-63	091/10:39:59	00:54.5	
		IR3	SDR	84	0	0	0	0	103.79	20.05		FN0068/33	1			
		IR2	SDR	83	0	0	1	1	99.84	19.47		FN0068/34	1			
		IR1	SDR	83	0	0	1	1	115.04	22.83		FN0068/35	1			
		MONITOR ALPHA														
22G194/559	13:03:39	IR	117.5/127.5	-30	.12	9/1	1	4	REC/UH	16K	2	193.1/64.4	51/-63	091/10:41:49	00:54.5	
		IR3	SDR	83	0	0	1	1	97.71	22.98		FN0068/36	1			
		IR2	SDR	83	0	0	1	1	93.90	22.28		FN0068/37	1			
		IR1	SDR	82	0	0	2	1	108.46	25.62		FN0068/38	1			
		MONITOR DURICRUST														

CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22G195/559 13:05:29	COLOR	117.5/127.5		-30 .12	1/1	1	4	REC/UH	16K	2	194.0/64.3	52/-64	091/10:43:39	00:54.5	
	BLU	SDR	83	0 0	1	1		87.12	30.20		FN0068/39	1			
	GRN	SDR	83	0 0	1	1		102.80	31.42		FN0068/40	1			
	RED	SDR	82	0 0	2	1		138.26	33.74		FN0068/41	1			
	MONITOR DURICRUST														
22G196/559 13:44:59	COLOR	12.5/ 22.5		-30 .12	1/1	1	4	REC/UH	16K	4	212.8/61.7	72/-64	091/11:23:09	00:54.5	
	BLU	SDR	84	0 0	0	0		87.27	32.05		FN0068/42	1			
	GRN	SDR	83	0 0	1	1		101.27	36.32		FN0068/43	1			
	RED	SDR	83	0 0	1	1		127.69	44.08		FN0068/44	1			
	MONITOR SNOW WHITE														
22G197/559 13:46:49	IR	12.5/ 22.5		-30 .12	9/1	1	4	REC/UH	16K	4	213.6/61.6	73/-64	091/11:24:59	00:54.5	
	IR3	SDR	83	0 0	1	1		94.74	31.17		FN0068/45	1			
	IR2	SDR	83	0 0	1	1		91.13	29.90		FN0068/46	1			
	IR1	SDR	82	0 0	2	1		101.85	34.44		FN0068/47	1			
	MONITOR SNOW WHITE														
21G198/559 17:41:59	COLOR	22.5/ 25.0		-10 .12	1/1	1	3	REC/UH	16K	10	274.4/27.3	325/-35	091/15:20:09	00:14.5	
	BLU	SDR	21	0 0	1	1		141.64	57.38		FN0068/48	1			
	GRN	SDR	21	0 0	1	1		145.06	55.66		FN0068/49	1			
	RED	SDR	20	0 0	2	1		142.05	48.27		FN0068/50	1			
	PHOTO.FUNCTION STDY														
21G199/559 17:43:19	IR	22.5/ 25.0		-10 .12	9/1	1	3	REC/UH	16K	10	274.7/27.1	325/-35	091/15:21:29	00:14.5	
	IR3	SDR	21	0 0	1	1		114.33	44.27		FN0068/51	1			
	IR2	SDR	21	0 0	1	1		114.49	47.32		FN0068/52	1			
	IR1	SDR	20	0 0	2	1		125.27	44.58		FN0068/53	1			
	PHOTO.FUNCTION STDY														
21G200/559 17:54:59	SINGLE	255.0/270.0		-30 .04	0/2	1	4	REC/UH	16K	10	276.7/25.2	327/-33	091/15:33:09	01:21.2	
	BB2	SDR	378	376 2	0	0		63.59	23.39		FN0068/54	1			
	MONITOR *E*														
22G201/559 17:59:59	SINGLE	117.5/127.5		-30 .04	0/2	1	4	REC/UH	16K	6	277.5/24.4	152/-32	091/15:38:09	00:54.5	
	BB2	SDR	250	251 1	2	1		90.36	29.02		FN0069/01	1			
	PM DAILY SUN DIODE														
21G202/559 18:16:49	SINGLE	152.5/155.0		30 .04	4/2	1	3	REC/UH	16K	10	280.4/21.7	331/-29	091/15:54:59	00:14.5	
	SUN	SDR	66	64 2	0	0		61.29	40.73		FN0069/02	1			
	PHOTO.FUNCTION STDY														
21G203/559 18:51:59	COLOR	215.0/225.0		-30 .12	1/1	1	3	REC/UH	16K	10	286.3/16.1	337/-24	091/16:30:09	00:54.5	
	BLU	SDR	83	0 0	1	1		46.27	18.70		FN0069/03	1			
	GRN	SDR	83	0 0	1	1		53.14	22.08		FN0069/04	1			
	RED	SDR	83	0 0	1	1		63.03	23.99		FN0069/05	1			
	PHOTO.FUNCTION STDY														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21G204/559	18:53:59	IR	215.0/225.0	-30	.12	9/1	1	3	REC/UH	16K	10	286.6/15.8	338/-23	091/16:32:09	00:54.5	
		IR3	SDR 84	0	0	0	0		50.94	17.93		FN0069/06	1			
		IR2	SDR 83	0	0	1	1		49.36	17.31		FN0069/07	1			
		IR1	SDR 83	0	0	1	1		58.47	21.09		FN0069/08	1			
		PHOTO.FUNCTION STDY														
21G205/559	19:16:59	COLOR	22.5/ 25.0	-10	.12	1/1	1	3	REC/UH	16K	10	290.5/12.2	342/-20	091/16:55:09	00:14.5	
		BLU	SDR 21	0	0	1	1		105.01	48.18		FN0069/09	1			
		GRN	SDR 21	0	0	1	1		108.63	48.16		FN0069/10	1			
		RED	SDR 20	0	0	2	1		109.44	53.65		FN0069/11	1			
		PHOTO.FUNCTION STDY														
21G206/559	19:18:19	IR	22.5/ 25.0	-10	.12	9/1	1	3	REC/UH	16K	10	290.7/12.0	342/-20	091/16:56:29	00:14.5	
		IR3	SDR 21	0	0	1	1		92.41	53.35		FN0069/12	1			
		IR2	SDR 21	0	0	1	1		93.22	55.02		FN0069/13	1			
		IR1	SDR 20	0	0	2	1		93.29	46.38		FN0069/14	1			
		PHOTO.FUNCTION STDY														
21G207/559	19:23:59	COLOR	215.0/225.0	-30	.12	1/1	1	3	REC/UH	16K	10	291.7/11.2	343/-19	091/17:02:09	00:54.5	
		BLU	SDR 84	0	0	0	0		35.86	13.03		FN0069/15	1			
		GRN	SDR 83	0	0	1	1		40.07	14.04		FN0069/16	1			
		RED	SDR 83	0	0	1	1		46.97	14.76		FN0069/17	1			
		PHOTO.FUNCTION STDY														
21G208/559	19:25:59	IR	215.0/225.0	-30	.12	9/1	1	3	REC/UH	16K	10	292.0/10.9	343/-18	091/17:04:09	00:54.5	
		IR3	SDR 83	0	0	1	1		38.00	10.58		FN0069/18	1			
		IR2	SDR 83	0	0	1	1		37.28	10.51		FN0069/19	1			
		IR1	SDR 83	0	0	1	1		43.27	12.69		FN0069/20	1			
		PHOTO.FUNCTION STDY														
21G209/559	19:43:59	COLOR	215.0/225.0	-30	.12	1/1	1	3	REC/UH	16K	10	295.0/ 8.2	346/-16	091/17:22:09	00:54.5	
		BLU	SDR 82	0	0	2	1		29.59	7.80		FN0069/21	1			
		GRN	SDR 82	0	0	2	1		34.25	13.69		FN0069/22	1			
		RED	SDR 81	0	0	3	1		39.49	13.50		FN0069/23	1			
		PHOTO.FUNCTION STDY														
21G210/559	19:45:59	IR	215.0/225.0	-30	.12	9/1	1	3	REC/UH	16K	10	295.4/ 7.9	347/-15	091/17:24:09	00:54.5	
		IR3	SDR 83	0	0	1	1		31.38	6.67		FN0069/24	1			
		IR2	SDR 83	0	0	1	1		30.90	6.60		FN0069/25	1			
		IR1	SDR 82	0	0	2	1		35.14	8.04		FN0069/26	1			
		PHOTO.FUNCTION STDY														
21G211/560	07:59:59	SINGLE	255.0/270.0	-30	.04	0/2	1	4	REC/UH	16K	-6	89.8/31.4	141/-23	092/06:17:44	01:21.2	
		BB2	SDR 379	376	3	0	0		54.59	23.63		FN0069/27	1			
		MONITOR *E*														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL.	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21G212/560	12:30:14	SINGLE	242.5/260.0	-20	.04	13/2	1	4	REC/UH	16K	6	175.7/64.9	211/-62	092/10:47:59	01:34.5	
		BB3	SDR 437	0	0	2	1		123.49	33.70		FN0069/28	1			
		SURFACE MONITOR														
21G213/560	13:38:28	COLOR	245.0/267.5	-30	.12	1/1	1	4	REC/UH	16K	6	210.1/62.4	245/-64	092/11:56:14	02:02.0	
		BLU	SDR 192	314	3	0	0		126.49	60.36		FN0069/29	1			
		GRN	SDR 192	314	3	0	0		126.49	60.36		FN0069/30	1			
		RED	SDR 192	314	3	0	0		126.49	60.36		FN0069/31	1			
		NOT RECEIVED														
21G214/561	12:37:11	SINGLE	230.0/260.0	-20	.04	13/2	1	4	REC/UH	16K	-15	179.5/65.0	214/-62	093/11:34:32	02:41.2	
		BB3	SDR 754	314	3	0	0		126.49	60.36		FN0069/32	1			
		NOT RECEIVED														
21G215/563	18:28:28	SINGLE	155.0/157.5	30	.04	4/2	1	3	REC/UH	16K	-15	282.7/19.9	334/-28	095/18:44:59	00:14.5	
		SUN	SDR 67	314	3	0	0		126.49	60.36		FN0069/33	1			
		NOT RECEIVED														
22G216/564	05:38:53	SINGLE	120.0/122.5	10	.04	4/2	1	2	REC/UH	16K	-15	65.8/ 9.4	301/- 2	096/06:35:00	00:14.5	
		SUN	SDR 65	439	1	0	0		45.62	17.22		FN0069/34	1			
		NOT RECEIVED														
21G217/564	10:09:09	SINGLE	255.0/262.5	-30	.04	0/2	1	4	REC/UH	16K	0	117.9/52.1	166/-44	096/11:05:16	00:41.2	
		BB2	ISDR 190	189	1	0	0		90.96	29.64		FN0069/35	1			
		MONITOR *E*														
21G218/567	18:30:07	SINGLE	155.0/157.5	30	.04	4/2	1	3	REC/UH	16K	10	283.4/19.7	334/-27	099/21:24:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		35.65	24.33		FN0069/36	1			
		PM SUN DIODE														
22G219/568	05:35:32	SINGLE	120.0/122.5	10	.04	4/2	1	2	REC/UH	16K	-15	65.2/ 9.3	300/- 2	100/09:10:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.17	2.47		FN0069/37	1			
		AM SUN DIODE														
21G220/571	18:26:46	SINGLE	155.0/157.5	30	.04	4/2	1	3	REC/UH	16K	10	283.2/20.2	334/-28	104/00:00:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		34.54	21.91		FN0069/38	1			
		PM SUN DIODE														
22G221/572	05:37:11	SINGLE	120.0/122.5	10	.04	4/2	1	2	REC/UH	16K	-15	65.5/ 9.8	301/- 2	104/11:50:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.24	3.25		FN0069/39	1			
		AM SUN DIODE														
21G222/573	12:34:19	SINGLE	230.0/260.0	-20	.04	13/2	1	4	REC/UH	16K	8	179.4/65.8	213/-63	105/19:26:42	02:41.2	
		BB3	ISDR 745	0	0	6	3		128.43	32.64		FN0069/40	1			
		DRIFTS/CENTAUR/PILE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22G223/579	04:55:04	SINGLE	117.5/120.0	10	.04	4/2	1	2	REC/UH	16K	-15	58.3/ 4.3	293/ 2	111/15:45:00	00:14.5	
		SUN	ISDR 62	0	0	2	1		31.00	.00		FN0069/41	1			
		AM SUN DIODE														
22G224/579	06:05:04	SINGLE	125.0/127.5	10	.04	4/2	1	2	REC/UH	16K	-13	70.1/14.5	306/- 7	111/16:54:59	00:14.5	
		SUN	ISDR 63	0	0	1	1		31.95	7.36		FN0069/42	1			
		AM SUN DIODE														
22G225/579	06:35:04	SINGLE	130.0/132.5	10	.04	4/2	1	3	REC/UH	16K	-12	75.1/19.2	311/-11	111/17:24:59	00:14.5	
		SUN	ISDR 62	0	0	2	1		42.63	29.64		FN0069/43	1			
		AM SUN DIODE														
22G226/579	07:05:04	SINGLE	135.0/137.5	20	.04	4/2	1	3	REC/UH	16K	-12	80.1/24.0	316/-16	111/17:54:59	00:14.5	
		SUN	ISDR 63	0	0	1	1		52.51	46.74		FN0069/44	1			
		AM SUN DIODE														
22G227/579	07:35:04	SINGLE	140.0/142.5	20	.04	4/2	1	3	REC/UH	16K	-10	85.2/28.9	321/-20	111/18:24:59	00:14.5	
		SUN	ISDR 62	0	0	2	1		41.65	35.96		FN0069/45	1			
		AM SUN DIODE														
21G228/579	19:05:05	SINGLE	162.5/165.0	20	.04	4/2	1	2	REC/UH	16K	10	290.1/14.3	341/-22	112/05:55:00	00:14.5	
		SUN	ISDR 63	0	0	1	1		33.49	8.79		FN0069/46	1			
		PM SUN DIODE														
22G229/583	05:21:43	SINGLE	117.5/120.0	10	.04	4/2	1	2	REC/UH	16K	-15	62.9/ 8.3	298/- 1	115/18:50:00	00:14.5	
		SUN	SDR 65	64	1	0	0		31.11	2.10		FN0069/47	1			
		AM SUN DIODE														
21G230/583	12:24:29	SINGLE	242.5/260.0	-20	.04	13/2	1	4	REC/UH	16K	8	175.1/66.2	209/-63	116/01:52:45	01:34.5	
		BB3	ISDR 440	439	1	0	0		123.17	34.31		FN0069/48	1			
		DRIFTS/CENTAUR PILE														
21G231/583	18:48:00	SINGLE	242.5/260.0	-20	.04	13/2	1	4	REC/UH	16K	10	287.6/16.9	339/-25	116/08:16:16	01:34.5	
		BB3	SDR 440	439	1	0	0		45.62	17.22		FN0069/49	1			
		DRIFTS/CENTAUR PILE														
22G232/584	05:22:08	SINGLE	117.5/120.0	10	.04	4/2	1	2	REC/UH	16K	-13	62.9/ 8.4	298/- 1	116/19:29:59	00:14.5	
		SUN	SDR 65	64	1	0	0		31.12	2.04		FN0069/50	1			
		AM SUN DIODE														
21G233/584	18:22:08	SINGLE	155.0/157.5	30	.04	4/2	1	3	REC/UH	16K	10	283.3/21.0	334/-29	117/08:30:00	00:14.5	
		SUN	SDR 65	64	1	0	0		34.03	20.37		FN0069/51	1			
		PM SUN DIODE														
22G234/587	05:23:22	SINGLE	117.5/120.0	10	.04	4/2	1	2	REC/UH	16K	-13	63.2/ 8.8	298/- 2	119/21:30:00	00:14.5	
		SUN	SDR 66	64	2	0	0		31.11	2.02		FN0070/01	1			
		AM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22G235/589	18:26:44	SINGLE	125.0/190.0	-10	.04	5/2	1	4	RT/UH	16K	-13	284.4/20.2	160/-28	122/11:52:32	06:15.0	
		BB4	SDR 1757	1626	131	0	0		100.51	19.76		FN0070/02	3			
		NICE HORIZON IMAGE														
22G236/590	05:24:36	SINGLE	117.5/120.0	10	.04	4/2	1	2	REC/UH	16K	-13	63.4/ 9.1	299/- 2	122/23:29:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.17	2.52		FN0070/03	1			
		AM SUN DIODE														
22G237/590	12:08:30	SINGLE	100.0/160.0	-30	.04	13/2	1	4	REC/UH	16K	2	167.0/66.1	27/-62	123/06:13:53	05:21.2	
		BB3	ISDR 1502	1501	3	2	2		120.46	40.52		FN0070/04	2			
		TRENCHES/SHROUD														
22G238/590	12:44:00	SINGLE	50.0/ 97.5	-10	.04	13/2	1	4	REC/UH	16K	4	186.6/66.4	43/-65	123/06:49:23	04:14.5	
		BB3	ISDR 1189	1189	1	1	1		13?.30	37.29		FN0070/05	2			
		DRIFTS/TROUGH														
21G239/590	18:19:36	SINGLE	155.0/157.5	30	.04	4/2	1	3	REC/UH	16K	10	283.3/21.4	334/-29	123/12:24:59	00:14.5	
		SUN	SDR 60	0	0	4	1		81.46	53.23		FN0070/06	1			
		PM SUN DIODE														
22G240/591	05:25:02	SINGLE	117.5/120.0	10	.04	4/2	1	2	REC/UH	16K	-12	63.5/ 9.2	299/- 2	124/00:10:00	00:14.5	
		SUN	SDR 62	0	0	2	1		31.18	2.78		FN0070/07	1			
		AM SUN DIODE														
21G241/591	18:20:01	SINGLE	155.0/157.5	30	.04	4/2	1	3	REC/UH	16K	10	283.4/21.3	335/-29	124/13:04:59	00:14.5	
		SUN	SDR 62	0	0	2	1		34.10	19.90		FN0070/08	1			
		PM SUN DIODE														
21G242/592	18:30:26	SINGLE	157.5/160.0	30	.04	4/2	1	3	REC/UH	16K	10	285.2/19.6	336/-27	125/13:54:59	00:14.5	
		SUN	SDR 65	64	1	0	0		33.17	19.44		FN0070/09	1			
		PM SUN DIODE														
21G243/592	18:44:59	SINGLE	242.5/260.0	-20	.04	13/2	1	4	REC/UH	16K	10	287.6/17.3	339/-25	125/14:09:32	01:34.5	
		BB3	ISDR 440	439	1	0	0		46.60	18.06		FN0070/10	1			
		DRIFTS/CENTAUR PILE														
22G244/593	02:02:09	COLOR	80.0/ 80.0	10	.12	1/1	1	0	REC/UH	16K	10	25.0/-13	258/ 15	125/22:06:18	24:11.2	R
		RED	SDR 4	314	3	0	0		126.49	60.36		FN0070/13	0			
		RED	SDR 4	314	3	0	0		126.49	60.36		FN0070/13	1			
		BLU	SDR 4	314	3	0	0		126.49	60.36		FN0070/11	0			
		GRN	SDR 4	314	3	0	0		126.49	60.36		FN0070/12	0			
		NOT RECEIVED														
22G245/593	02:28:14	COLOR	87.5/ 87.5	10	.12	1/1	1	2	REC/UH	16K	-15	30.5/-11	263/ 14	125/22:32:23	24:11.2	R
		BLU	SDR 4	314	3	0	0		126.49	60.36		FN0070/14	1			
		GRN	SDR 4	314	3	0	0		126.49	60.36		FN0070/15	1			
		RED	SDR 4	314	3	0	0		126.49	60.36		FN0070/16	1			
		NOT RECEIVED														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22G246/593	02:54:19	COLOR	92.5/ 92.5	10	.12	1/1	1	3	REC/UH	16K	-15	35.9/- 9	269/ 13	125/22:58:28	24:11.2	R
		BLU	SDR	4	314	3	0	0	126.49	60.36		FN0070/17	1			
		GRN	SDR	4	314	3	0	0	126.49	60.36		FN0070/18	1			
		RED	SDR	4	314	3	0	0	126.49	60.36		FN0070/19	1			
		NOT RECEIVED														
22G247/593	03:20:24	COLOR	97.5/ 97.5	10	.12	1/1	1	4	REC/UH	16K	-15	41.1/- 6	275/ 11	125/23:24:33	24:11.2	R
		BLU	SDR	4	314	3	0	0	126.49	60.36		FN0070/20	1			
		GRN	SDR	4	314	3	0	0	126.49	60.36		FN0070/21	1			
		RED	SDR	4	314	3	0	0	126.49	60.36		FN0070/22	1			
		NOT RECEIVED														
22G248/593	03:46:29	COLOR	102.5/102.5	10	.12	1/1	1	5	REC/UH	16K	-15	46.1/- 3	280/ 8	125/23:50:38	24:11.2	R
		BLU	SDR	4	314	3	0	0	126.49	60.36		FN0070/23	1			
		GRN	SDR	4	314	3	0	0	126.49	60.36		FN0070/24	1			
		RED	SDR	4	314	3	0	0	126.49	60.36		FN0070/25	1			
		NOT RECEIVED														
22G249/593	05:20:50	SINGLE	117.5/120.0	10	.04	4/2	1	2	REC/UH	16K	-8	62.8/ 8.7	298/- 2	126/01:24:58	00:14.5	
		SUN	SDR	65	64	1	0	0	31.19	2.46		FN0070/26	1			
		AM SUN DIODE														
21G250/593	07:18:59	SINGLE	142.5/175.0	-10	.04	13/2	1	4	REC/UH	16K	-6	82.5/27.0	134/-19	126/03:23:07	02:54.5	
		BB3	SDR	815	814	1	0	0	110.54	24.62		FN0070/27	1			
		GOOD ZERO PHASE														
22G251/593	08:44:59	COLOR	305.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	-6	98.1/41.0	333/-32	126/04:49:07	00:27.9	
		BLU	SDR	42	0	0	1	1	86.79	45.43		FN0070/28	1			
		GRN	SDR	42	0	0	1	1	96.45	47.21		FN0070/29	1			
		RED	SDR	41	0	0	2	1	117.37	52.93		FN0070/30	1			
		RTC#2														
22G252/593	08:46:29	COLOR	332.5/335.0	10	.12	1/1	1	4	REC/UH	16K	-6	98.4/41.3	333/-33	126/04:50:37	00:14.5	
		BLU	SDR	21	0	0	1	1	103.49	39.80		FN0070/31	1			
		GRN	SDR	21	0	0	1	1	113.19	44.76		FN0070/32	1			
		RED	SDR	20	0	0	2	1	123.14	52.84		FN0070/33	1			
		SKY BEFORE CC-DEPLOY														
22G253/593	08:47:44	SINGLE	.0/ 2.5	0	.12	8/3	1	4	REC/UH	16K	-6	98.7/41.5	333/-33	126/04:51:52	00:05.6	
		BB1	SDR	23	22	1	0	0	60.00	25.18		FN0070/34	1			
		SCAN VER														
22G254/593	08:47:50	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-4	98.7/41.5	333/-33	126/04:51:58	00:18.0	
		CAL	SDR	84	0	0	0	0	.00	.00		FN0070/35	1			
		CALIBRATION FRAME														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22G255/593	08:48:44	SINGLE	340.0/340.0	0	.04	8/2	1	4	REC/UH	16K	-4	98.9/41.6	333/-33	126/04:52:52	00:01.2	
		BB1	SDR 4	314	3	0	0		126.49	60.36		FN0070/36	1			
		CC DEPLOY														
22H000/593	08:50:29	SINGLE	.0/ 2.5	0	.12	8/3	1	4	REC/UH	16K	-4	99.2/41.9	334/-33	126/04:54:37	00:05.6	
		BB1	SDR 23	22	1	0	0		60.35	26.57		FN0070/37	1			
		SCAN VER														
22H001/593	08:50:35	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-4	99.2/41.9	334/-33	126/04:54:43	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0070/38	1			
		CALIBRATION FRAME														
22H002/593	08:51:59	COLOR	332.5/335.0	10	.12	1/1	1	4	REC/UH	16K	-4	99.5/42.2	334/-34	126/04:56:07	00:14.5	
		BLU	SDR 21	0	0	1	1		110.42	33.99		FN0070/39	1			
		GRN	SDR 21	0	0	1	1		117.48	38.74		FN0070/40	1			
		RED	SDR 20	0	0	2	1		126.81	48.83		FN0070/41	1			
		SKY AFTER CC-DEPLOY														
22H003/593	08:53:14	COLOR	305.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	-4	99.8/42.4	334/-34	126/04:57:22	00:27.9	
		BLU	SDR 42	0	0	1	1		89.32	45.85		FN0070/42	1			
		GRN	SDR 41	0	0	2	1		100.01	48.19		FN0070/43	1			
		RED	SDR 41	0	0	2	1		121.08	53.79		FN0070/44	1			
		RTC #2														
21H004/593	09:10:50	SINGLE	285.0/325.0	10	.12	1/3	1	5	REC/UH	16K	-2	103.5/45.2	154/-37	126/05:14:58	01:12.3	
		BLU	SDR 335	334	2	1	1		118.73	55.61		FN0070/45	1			
		AM SKY BRIGHTNESS														
21H005/593	09:15:50	SINGLE	155.0/285.0	10	.12	1/3	1	4	REC/UH	16K	0	104.6/46.0	155/-37	126/05:19:58	03:52.3	
		BLU	ISDR 1086	1084	2	0	0		98.41	41.43		FN0070/46	2			
		AM SKY BRIGHTNESS														
21H006/593	10:58:58	SINGLE	.0/ 2.5	0	.12	8/3	1	4	REC/UH	16K	6	134.6/60.6	178/-53	126/07:03:07	00:05.6	
		BB1	SDR 21	0	0	1	1		91.48	38.93		FN0070/47	1			
		SCAN VER														
21H007/593	10:59:04	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	6	134.7/60.6	178/-53	126/07:03:13	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0070/48	1			
		CALIBRATION FRAME														
22H008/593	11:14:58	SINGLE	80.0/ 90.0	-30	.04	0/2	1	4	REC/UH	16K	2	141.1/62.4	7/-56	126/07:19:07	00:54.5	
		BB2	ISDR 250	0	0	1	1		127.06	38.59		FN0071/01	1			
		PRE B/H TOUCHDOWN														
21H009/593	11:16:58	SINGLE	272.5/282.5	-30	.04	0/2	1	4	REC/UH	16K	6	142.0/62.6	184/-56	126/07:21:07	00:54.5	
		BB2	SDR 253	251	2	0	0		110.55	26.13		FN0071/02	1			
		PRE B/H TOUCHDOWN														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21H010/593	12:22:58	SINGLE	242.5/275.0	-20	.04	13/2	1	4	REC/UH	16K	8	175.2/66.6	209/-63	126/08:27:07	02:54.5	
		BB3	ISDR	816	814	2	0	0	125.21	34.27		FN0071/03	1			
		DRIFTS/CENTAUR PILE														
21H011/593	18:30:50	SINGLE	157.5/160.0	30	.04	4/2	1	3	REC/UH	16K	10	285.3/19.6	336/-27	126/14:34:59	00:14.5	
		SUN	SDR	62	0	0	2	1	34.94	23.61		FN0071/04	1			
		PM SUN DIODE														
22H012/594	05:21:15	SINGLE	117.5/120.0	10	.04	4/2	1	2	REC/UH	16K	-15	62.9/ 8.8	298/- 2	127/02:04:59	00:14.5	
		SUN	SDR	62	0	0	2	1	31.16	2.58		FN0071/05	1			
		AM SUN DIODE														
21H013/594	16:55:00	SINGLE	240.0/245.0	-30	.04	0/2	1	4	REC/UH	16K	12	268.9/35.0	319/-43	127/13:38:44	00:27.9	
		BB2	SDR	127	126	1	0	0	80.20	30.75		FN0071/06	1			
		CENTAUR PILE														
22H014/594	17:00:30	SINGLE	97.5/107.5	-30	.04	0/2	1	4	REC/UH	16K	8	269.9/34.1	144/-42	127/13:44:14	00:54.5	
		BB2	SDR	252	251	1	0	0	121.29	31.08		FN0071/07	1			
		PRE CLUTCH BEARING														
22H015/595	05:21:40	SINGLE	117.5/120.0	10	.04	4/2	1	2	REC/UH	16K	-13	63.0/ 8.9	298/- 2	128/02:44:59	00:14.5	
		SUN	SDR	65	64	1	0	0	31.11	1.91		FN0071/08	1			
		AM SUN DIODE														
22H016/595	08:45:00	COLOR	305.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	-6	98.1/41.1	333/-32	128/06:08:19	00:27.9	
		BLU	SDR	42	0	0	1	1	93.89	45.25		FN0071/09	1			
		GRN	SDR	41	0	0	2	1	104.65	46.48		FN0071/10	1			
		RED	SDR	41	0	0	2	1	125.26	48.95		FN0071/11	1			
		TEST CHART-CLR														
22H017/595	08:46:30	IR	305.0/310.0	-10	.12	9/1	1	4	REC/UH	16K	-6	98.4/41.4	333/-33	128/06:09:49	00:27.9	
		IR3	SDR	42	0	0	1	1	90.33	39.81		FN0071/12	1			
		IR2	SDR	41	0	0	2	1	87.42	39.62		FN0071/13	1			
		IR1	SDR	41	0	0	2	1	96.78	40.21		FN0071/14	1			
		TEST CHART-IR														
22H018/595	10:39:32	SINGLE	80.0/ 87.5	-30	.04	0/2	1	4	REC/UH	16K	0	127.7/58.3	357/-51	128/08:02:52	00:41.2	
		BB2	SDR	190	189	1	0	0	119.56	48.00		FN0071/15	1			
		BACKHOE TOUCHDOWN														
22H019/595	10:48:59	SINGLE	150.0/155.0	0	.04	8/2	1	4	REC/UH	16K	0	131.0/59.5	/-52	128/08:12:19	00:27.9	
		BB1	SDR	105	0	0	21	1	176.21	64.67		FN0071/16	1			
		BACKHOE/MAGNETS														
22H020/595	11:04:39	SINGLE	150.0/155.0	0	.04	8/2	1	4	REC/UH	16K	2	137.0/61.4	4/-54	128/08:27:59	00:27.9	
		BB1	SDR	128	126	2	0	0	171.73	57.00		FN0071/17	1			
		BACKHOE/MAGNETS														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA TOTAL RECORD LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22H021/595	11:14:59	SINGLE	80.0/ 90.0	-30	.04	0/2	1	4	REC/UH	16K	2	141.2/62.5	7/-56	128/08:38:19	00:54.5	
		BB2	SDR 253	251	2	0	0		89.01	30.56		FN0071/18	1			
		BLOCKED BY SSCA														
21H022/595	11:16:59	SINGLE	272.5/282.5	-30	.04	0/2	1	4	REC/UH	16K	6	142.1/62.7	184/-56	128/08:40:19	00:54.5	
		BB2	SDR 252	251	1	0	0		107.66	26.21		FN0071/19	1			
		POST B/H TOUCHDOWN														
22H023/595	11:59:59	COLOR	40.0/ 50.0	-30	.12	1/1	1	4	REC/UH	16K	4	162.8/65.9	23/-61	128/09:23:19	00:54.5	
		BLU	SDR 83	0	0	1	1		92.73	33.77		FN0071/20	1			
		GRN	SDR 83	0	0	1	1		106.70	36.98		FN0071/21	1			
		RED	SDR 83	0	0	1	1		140.21	46.85		FN0071/22	1			
		COLOR DEEP HOLE														
22H024/595	12:02:24	IR	40.0/ 50.0	-30	.12	9/1	1	4	REC/UH	16K	4	164.1/66.0	24/-61	128/09:25:44	00:54.5	
		IR3	SDR 83	0	0	1	1		100.59	33.37		FN0071/23	1			
		IR2	SDR 83	0	0	1	1		96.35	32.13		FN0071/24	1			
		IR1	SDR 83	0	0	1	1		108.93	36.02		FN0071/25	1			
		IR DEEP HOLE														
22H025/595	12:08:59	SINGLE	115.0/172.5	-30	.04	13/2	1	4	REC/UH	16K	6	167.7/66.3	27/-62	128/09:32:19	05:07.8	
		BB3	ISDR 1432	0	0	7	3		116.53	46.34		FN0071/26	2			
		TRENCHES/SHROUD														
22H026/595	12:14:59	COLOR	312.5/332.5	-30	.12	1/1	1	4	REC/UH	16K	6	171.0/66.5	30/-63	128/09:38:19	01:47.9	
		BLU	SDR 166	0	0	2	1		89.41	44.66		FN0071/27	1			
		GRN	SDR 165	0	0	3	2		99.28	50.88		FN0071/28	1			
		RED	SDR 166	0	0	2	1		107.64	51.35		FN0071/29	1			
		EMPTY XRAY FUNNEL														
22H027/595	12:17:44	IR	312.5/332.5	-30	.12	9/1	1	4	REC/UH	16K	6	172.5/66.6	31/-63	128/09:41:04	01:47.9	
		IR3	SDR 167	0	0	1	1		85.84	43.37		FN0071/30	1			
		IR2	SDR 167	0	0	1	1		82.55	41.52		FN0071/31	1			
		IR1	SDR 166	0	0	2	1		87.41	43.12		FN0071/32	1			
		EMPTY XRAY FUNNEL														
22H028/595	15:59:59	SINGLE	135.0/145.0	-30	.04	0/2	1	4	REC/UH	16K	10	258.2/43.9	130/-51	128/13:23:19	00:54.5	
		BB2	SDR 250	0	0	1	1		149.72	22.10		FN0071/33	1			
		CONICAL PILE														
22H029/595	16:51:14	SINGLE	40.0/ 50.0	-30	.04	13/2	1	4	REC/UH	16K	10	268.3/35.6	142/-43	128/14:14:33	00:54.5	
		BB3	SDR 250	0	0	1	1		66.84	30.50		FN0071/34	1			
		DEEP HOLE														
22H030/595	17:00:29	SINGLE	97.5/107.5	-30	.04	0/2	1	4	REC/UH	16K		270.0/34.1	144/-42	128/14:23:48	00:54.5	
		BB2	ISDR 210	251	1	42	1		104.94	35.60		FN0071/35	1			
		CLUTCH BEARING														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21H031/595	17:02:29	SINGLE	290.0/300.0	-30	.04	0/2	1	4	REC/UH	16K	10	270.3/33.8	320/-41	128/14:25:48	00:54.5	
		BB2	SDR 247	0	0	4	1		100.91	27.81		FN0071/36	1			
		CLUTCH BEARING														
21H032/595	17:13:59	SINGLE	230.0/235.0	-20	.04	0/2	1	4	REC/UH	16K	12	272.4/31.9	323/-40	128/14:37:18	00:27.9	
		BB2	SDR 127	126	1	0	0		66.66	24.61		FN0071/37	1			
		CONICAL PILE														
22H033/595	17:54:59	SINGLE	97.5/107.5	-30	.04	0/2	1	4	REC/UH	16K	8	279.4/25.2	154/-33	128/15:18:18	00:54.5	
		BB2	SDR 252	251	1	0	0		83.25	28.75		FN0071/38	1			
		POST CLUTCHING														
21H034/595	17:56:59	SINGLE	290.0/300.0	-30	.04	0/2	1	4	REC/UH	16K	10	279.8/24.9	331/-33	128/15:20:18	00:54.5	
		BB2	SDR 252	251	1	0	0		81.56	22.14		FN0071/39	1			
		POST CLUTCHING														
21H035/595	18:31:40	SINGLE	157.5/160.0	30	.04	4/2	1	3	REC/UH	16K	10	285.5/19.4	337/-27	128/15:54:59	00:14.5	
		SUN	SDR 65	64	1	0	0		35.20	18.66		FN0071/40	1			
		PM SUN DIODE														
22H036/597	05:22:29	SINGLE	117.5/120.0	10	.04	4/2	1	2	REC/UH	16K	-13	63.1/ 9.1	298/- 2	130/04:04:59	00:14.5	
		SUN	SDR 65	64	1	0	0		31.10	2.21		FN0071/41	1			
		AM SUN DIODE														
22H037/597	11:54:59	SINGLE	95.0/102.5	-30	.04	0/2	1	4	REC/UH	16K	4	160.4/65.7	21/-61	130/10:37:28	00:41.2	
		BB2	SDR 190	189	1	0	0		125.99	40.17		FN0071/42	1			
		POST CLUTCHING														
21H038/597	12:27:48	SINGLE	212.5/260.0	-20	.04	13/2	1	4	REC/UH	16K	8	178.3/66.7	212/-64	130/11:10:18	04:14.5	
		BB3	SDR 1190	1189	1	0	0		129.25	31.99		FN0071/43	2			
		DRIFTS/PILES														
22H039/597	15:59:58	SINGLE	135.0/145.0	-30	.04	0/2	1	4	REC/UH	16K	8	258.3/43.9	130/-51	130/14:42:28	00:54.5	
		BB2	SDR 252	251	1	0	0		150.38	21.96		FN0071/44	1			
		CONICAL PILES														
21H040/597	18:32:29	SINGLE	157.5/160.0	30	.04	4/2	1	3	REC/UH	16K	10	285.7/19.2	337/-27	130/17:14:59	00:14.5	
		SUN	SDR 65	64	1	0	0		35.99	18.87		FN0071/45	1			
		PM SUN DIODE														
21H041/598	11:49:12	COLOR	115.0/320.0	-20	.12	1/1	1	4	RT/UH	16K	8	157.5/65.4	195/-60	131/11:11:17	18:15.0	
		BLU	SDR 1708	1710	1	2	2		91.80	39.13		FN0071/46	3			
		GRN	SDR 1709	1710	1	1	1		103.57	40.55		FN0071/47	3			
		RED	SDR 1710	1710	1	0	0		115.51	39.64		FN0071/48	3			
		NICE COLOR PAN.														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22H042/600	05:23:44	SINGLE	117.5/120.0	10	.12	4/3	1	2	REC/UH	16K	-12	63.4/ 9.4	299/- 2	133/06:05:00	00:05.6	
		SUN	SDR 23	22	1	0	0		31.03	1.74		FN0072/01	1			
		AM SUN DIODE														
22H043/600	12:40:59	SINGLE	55.0/ 75.0	-10	.04	13/2	1	4	REC/UH	16K	6	186.0/66.7	43/-65	133/13:22:15	01:47.9	
		BB3	SDR 501	501	1	1	1		138.85	40.69		FN0072/02	1			
		DRIFTS/ROCKS														
22H044/601	05:23:59	SINGLE	117.5/120.0	10	.12	4/3	1	2	REC/UH	16K	-13	63.5/ 9.5	299/- 2	134/06:44:50	00:05.6	
		SUN	SDR 23	22	1	0	0		31.03	1.47		FN0072/03	1			
		AM SUN DIODE														
21H045/601	18:29:07	SINGLE	157.5/160.0	10	.12	4/3	1	3	REC/UH	16K	10	285.3/19.7	337/-27	134/19:49:58	00:05.6	
		SUN	SDR 23	22	1	0	0		42.13	28.35		FN0072/04	1			
		PM SUN DIODE														
22H046/604	12:08:59	SINGLE	120.0/140.0	-30	.04	13/2	1	4	REC/UH	16K	4	168.5/66.5	28/-62	137/15:28:36	01:47.9	
		BB3	SDR 502	501	1	0	0		128.01	39.80		FN0072/05	1			
		PILE/TRENCH														
22H047/605	05:20:47	SINGLE	117.5/120.0	10	.12	4/3	1	2	REC/UH	16K	-13	63.0/ 9.2	298/- 2	138/09:19:59	00:05.6	
		SUN	SDR 23	22	1	0	0		31.06	2.30		FN0072/06	1			
		AM SUN DIODE														
21H048/605	18:30:46	SINGLE	157.5/160.0	10	.12	4/3	1	3	REC/UH	16K	12	285.8/19.4	337/-27	138/22:29:58	00:05.6	
		SUN	SDR 23	22	1	0	0		32.50	21.06		FN0072/07	1			
		PM SUN DIODE														
21H049/608	12:28:34	SINGLE	237.5/260.0	-20	.04	13/2	1	4	REC/UH	16K	8	179.8/66.9	213/-64	141/18:26:32	02:01.2	
		BB3	SDR 564	564	1	1	1		128.27	34.43		FN0072/08	1			
		DRIFT/ROCKS/PILE														
21H050/608	19:02:02	SINGLE	162.5/165.0	30	.04	4/2	1	3	REC/UH	16K	10	291.0/14.5	342/-22	142/01:00:00	00:14.5	
		SUN	SDR 65	64	1	0	0		39.91	28.02		FN0072/09	1			
		PM SUN DIODE														
22H051/609	05:22:26	SINGLE	117.5/120.0	10	.12	4/3	1	2	REC/UH	16K	-13	63.4/ 9.5	299/- 2	142/11:59:59	00:05.6	
		SUN	SDR 23	22	1	0	0		31.09	3.35		FN0072/10	1			
		AM SUN DIODE														
22H052/612	12:40:29	SINGLE	55.0/ 75.0	-10	.04	13/2	1	4	REC/UH	16K	6	186.8/66.7	43/-65	145/21:16:48	01:47.9	
		BB3	SDR 500	0	0	1	1		139.19	40.73		FN0072/11	1			
		DRIFTS/ROCKS														
22H053/613	05:19:04	SINGLE	117.5/120.0	10	.12	4/3	1	2	REC/UH	16K	-12	62.9/ 9.1	298/- 2	146/14:34:58	00:05.6	
		SUN	SDR 21	0	0	1	1		31.04	1.32		FN0072/12	1			
		AM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL.	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21H054/613	18:29:05	SINGLE	157.5/160.0	10	.12	4/3	1	3	REC/UH	16K	10	285.7/19.4	337/-27	147/03:44:58	00:05.6	
		SUN	SDR 21	0	0	1	1		45.83	40.74		FN0072/13	1			
		PM SUN DIODE														
22H055/616	05:20:20	SINGLE	117.5/120.0	10	.12	4/3	1	2	REC/UH	16K	-13	63.2/ 9.3	298/- 2	149/16:34:59	00:05.6	
		SUN	SDR 21	0	0	1	1		31.07	2.25		FN0072/14	1			
		AM SUN DIODE														
22H056/616	12:06:59	SINGLE	120.0/140.0	-30	.04	13/2	1	4	REC/UH	16K	4	168.4/66.5	28/-62	149/23:21:38	01:47.9	
		BB3	SDR 497	0	0	4	1		129.78	40.49		FN0072/15	1			
		PILE/TRENCH														
21H057/616	18:29:59	SINGLE	157.5/160.0	10	.12	4/3	1	3	REC/UH	16K	12	285.9/19.2	337/-27	150/05:44:39	00:05.6	
		SUN	SDR 23	22	1	0	0		38.81	34.38		FN0072/16	1			
		PM SUN DIODE														
22H058/619	05:16:45	SINGLE	117.5/120.0	10	.12	4/3	1	2	REC/UH	16K	-12	62.7/ 8.9	298/- 2	152/18:30:10	00:05.6	
		SUN	SDR 23	22	1	0	0		31.06	2.18		FN0072/17	1			
		AM SUN DIODE														
21H0[illegible]/619	18:26:34	SINGLE	157.5/160.0	10	.12	4/3	1	3	REC/UH	16K	10	285.4/19.6	337/-27	153/07:39:59	00:05.6	
		SUN	SDR 23	22	1	0	0		39.69	28.54		FN0072/18	1			
		PM SUN DIODE														
21H060/620	12:26:34	SINGLE	237.5/260.0	-20	.04	13/2	1	4	REC/UH	16K	8	179.7/66.7	213/-64	154/02:19:34	02:01.2	
		BB3	SDR 565	564	1	0	0		128.91	34.40		FN0072/19	1			
		DRIFT/ROCK/PILE														
22H061/623	12:39:47	SINGLE	55.0/ 75.0	-10	.04	13/2	1	4	REC/UH	16K	6	187.3/66.5	44/-65	157/04:31:34	01:47.9	
		BB3	SDR 497	0	0	4	1		141.04	41.13		FN0072/20	1			
		DRIFTS/ROCKS														
21H062/623	18:28:31	SINGLE	157.5/160.0	10	.12	4/3	1	3	REC/UH	16K	10	285.7/19.2	337/-27	157/10:20:17	00:05.6	
		SUN	SDR 21	0	0	1	1		40.27	33.23		FN0072/21	1			
		PM SUN DIODE														
22H063/624	05:18:56	SINGLE	117.5/120.0	10	.12	4/3	1	2	REC/UH	16K	-12	63.3/ 9.2	298/- 2	157/21:50:18	00:05.6	
		SUN	SDR 21	0	0	1	1		31.06	2.42		FN0072/22	1			
		AM SUN DIODE														
22H064/625	05:19:20	SINGLE	117.5/120.0	10	.12	4/3	1	2	REC/UH	16K	-12	63.4/ 9.3	299/- 2	158/22:30:17	00:05.6	
		SUN	SDR 24	22	2	0	0		31.01	.58		FN0072/23	1			
		AM SUN DIODE														
21H065/625	18:24:20	SINGLE	157.5/160.0	10	.12	4/3	1	3	REC/UH	16K	10	285.0/19.7	336/-27	159/11:35:17	00:05.6	
		SUN	SDR 21	0	0	1	1		34.31	20.79		FN0072/24	1			
		PM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22H066/626	17:07:39	SINGLE	60.0/110.0	-10	.04	13/2	1	4	RT/UH	16K	10	272.1/32.1	146/-40	160/10:58:12	04:27.0	
		BB3	ISDR 1250	0	0	1	1		105.40	36.29		FN0072/25	2			
		TROUGH/DRIFTS														
21H067/626	17:38:38	SINGLE	60.0/307.5	-30	.12	14/1	1	4	REC/UH	16K	-23	277.4/27.0	328/-35	160/11:29:10	20:25.4	R
		!!!	ISDR 215	1898	5	1687	33		85.31	23.56		FN0072/26	3			
		ERASE IMAGE														
22H068/627	05:14:52	SINGLE	117.5/120.0	10	.04	4/2	1	2	REC/UH	16K	-13	62.8/ 8.6	298/- 1	160/23:45:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.11	2.12		FN0072/27	1			
		AM SUN DIODE														
22H069/627	07:09:59	SINGLE	117.5/127.5	-30	.04	13/2	1	4	REC/UH	16K	-10	81.9/26.4	318/-18	161/01:40:07	00:54.5	
		BB3	ISDR 252	251	1	0	0		53.36	28.27		FN0072/28	1			
		TRENCH/ROCKS														
21H070/628	16:16:11	SINGLE	80.0/307.5	-30	.12	14/1	1	4	REC/UH	16K	-23	262.5/40.3	311/-48	162/11:25:54	20:25.4	R
		!!!	ISDR 260	0	0	1637	64		66.49	41.86		FN0072/29	3			
		ERASE IMAGE														
22H071/628	16:37:27	SINGLE	15.0/242.5	-30	.12	14/1	1	4	REC/UH	16K	10	266.6/36.9	140/-44	162/11:47:10	20:25.4	R
		!!!	ISDR 79	0	0	1818	52		101.87	50.36		FN0072/30	3			
		ERASE IMAGE														
22H072/629	04:50:41	SINGLE	112.5/115.0	10	.12	4/3	1	1	REC/UH	16K	-12	58.7/ 5.2	294/ 1	163/00:39:58	00:05.6	
		SUN	SDR 23	22	1	0	0		69.46	2.09		FN0072/31	1			
		AM SUN DIODE														
22H073/629	05:15:41	SINGLE	117.5/120.0	10	.04	4/2	1	2	REC/UH	16K	-12	63.0/ 8.7	298/- 2	163/01:04:58	00:14.5	
		SUN	SDR 65	64	1	0	0		31.07	1.15		FN0072/32	1			
		AM SUN DIODE														
22H074/629	06:30:41	SINGLE	130.0/132.5	10	.12	4/3	1	3	REC/UH	16K	-10	75.4/20.2	311/-12	163/02:19:58	00:05.6	
		SUN	SDR 21	0	0	1	1		44.50	22.53		FN0072/33	1			
		AM SUN DIODE														
22H075/629	07:30:41	SINGLE	140.0/142.5	10	.12	4/3	1	3	REC/UH	16K	-8	85.5/29.8	321/-21	163/03:19:58	00:05.6	
		SUN	SDR 23	22	1	0	0		37.97	28.29		FN0072/34	1			
		AM SUN DIODE														
21H076/629	09:00:40	SINGLE	282.5/322.5	10	.12	1/3	1	5	REC/UH	16K	-2	102.7/44.4	153/-36	163/04:49:58	01:12.3	
		BLU	SDR 348	334	14	0	0		127.77	61.63		FN0072/35	1			
		AM SKY BRIGHTNESS														
21H077/629	09:02:58	SINGLE	152.5/282.5	10	.12	1/3	1	4	REC/UH	16K	0	103.2/44.8	153/-36	163/04:52:16	03:52.3	
		BLU	ISDR 1084	1084	2	2	1		105.35	47.13		FN0072/36	2			
		AM SKY BRIGHTNESS														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA TOTAL RECORD LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22H078/629	09:10:58	IR	305.0/310.0	-10	.12	9/1	1	4	REC/UH	16K	-4	105.0/46.0	339/-37	163/05:00:16	00:27.9	
		IR3	SDR 42	0	0	1	1		88.33	45.80		FN0072/37	1			
		IR2	SDR 41	0	0	2	1		84.91	44.43		FN0072/38	1			
		IR1	SDR 41	0	0	2	1		92.15	47.60		FN0072/39	1			
		TEST CHART-IR														
22H079/629	09:12:28	COLOR	305.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	-2	105.3/46.3	339/-38	163/05:01:46	00:27.9	
		BLU	SDR 42	0	0	1	1		86.68	46.58		FN0072/40	1			
		GRN	SDR 41	0	0	2	1		94.01	45.96		FN0072/41	1			
		RED	SDR 41	0	0	2	1		112.51	53.21		FN0072/42	1			
		TEST CHART-CLR														
21H080/629	10:58:58	SINGLE	.0/ 2.5	0	.12	8/3	1	4	REC/UH	16K	6	137.0/61.2	180/-54	163/06:48:16	00:05.6	
		BB1	SDR 23	22	1	0	0		91.11	39.00		FN0073/01	1			
		SCAN VERIFICATION														
21H081/629	10:59:04	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	6	137.1/61.2	180/-54	163/06:48:22	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0073/02	1			
		CALIBRATION FRAME														
22H082/629	11:00:58	SINGLE	.0/ 2.5	0	.12	8/3	1	4	REC/UH	16K	2	137.8/61.4	5/-54	163/06:50:16	00:05.6	
		BB1	SDR 23	22	1	0	0		70.62	23.92		FN0073/03	1			
		SCAN VERIFICATION														
22H083/629	11:01:04	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	2	137.9/61.4	5/-54	163/06:50:22	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0073/04	1			
		CALIBRATION FRAME														
22H084/629	12:24:58	IR	102.5/155.0	-30	.12	9/1	1	4	REC/UH	16K	6	179.5/66.5	37/-64	163/08:14:16	04:41.2	
		IR3	ISDR 416	0	0	23	2		105.75	27.63		FN0073/05	1			
		IR2	ISDR 416	0	0	23	2		101.59	26.72		FN0073/06	1			
		IR1	ISDR 416	0	0	23	2		116.29	30.31		FN0073/07	1			
		IR TO MATCH H085														
22H085/629	12:31:33	COLOR	102.5/155.0	-30	.12	1/1	1	4	REC/UH	16K	6	183.2/66.5	40/-64	163/08:20:51	04:41.2	
		BLU	ISDR 420	0	0	19	2		96.38	38.63		FN0073/08	1			
		GRN	ISDR 420	0	0	19	2		112.24	38.48		FN0073/09	1			
		RED	ISDR 421	0	0	18	1		148.16	39.96		FN0073/10	1			
		NICE COLOR														
22H086/629	17:59:59	SINGLE	32.5/ 50.0	-10	.04	13/2	1	4	REC/UH	16K	8	281.0/23.4	156/-31	163/13:49:17	01:34.5	
		BB3	SDR 440	439	1	0	0		53.99	25.66		FN0073/11	1			
		TROUGH/DRIFTS														
21H087/629	18:25:41	SINGLE	157.5/160.0	30	.04	4/2	1	3	REC/UH	16K	10	285.3/19.4	336/-27	163/14:14:59	00:14.5	
		SUN	SDR 65	64	1	0	0		33.73	18.23		FN0073/12	1			
		PM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21H088/629	19:25:41	SINGLE	167.5/170.0	10	.12	4/3	1	2	REC/UH	16K	8	295.2/10.2	347/-18	163/15:14:59	00:05.6	
		SUN	SDR 23	22	1	0	0		34.63	1.87		FN0073/13	1			
		PM SUN DIODE														
22H089/630	12:50:00	SINGLE	312.5/332.5	-30	.12	8/3	1	4	REC/UH	16K	6	193.4/66.0	50/-65	164/09:18:53	00:36.7	
		BB1	SDR 169	168	1	0	0		86.03	45.84		FN0073/14	1			
		XRAY FUNNEL														
22H090/630	12:56:00	SINGLE	80.0/ 90.0	-30	.04	0/2	1	4	REC/UH	16K	6	196.6/65.8	53/-65	164/09:24:53	00:54.5	
		BB2	SDR 253	251	2	0	0		148.92	32.49		FN0073/15	1			
		TRENCH														
21H091/630	14:57:57	SINGLE	80.0/307.5	-30	.12	14/1	1	4	REC/UH	16K	12	244.5/52.5	288/-59	164/11:26:50	20:25.4	R
		!!!	ISDR 278	0	0	1619	57		89.65	43.74		FN0073/16	3			
		ERASE IMAGE														
22H092/630	15:19:13	SINGLE	15.0/242.5	-30	.12	14/1	1	4	REC/UH	16K	12	250.0/49.3	119/-56	164/11:48:06	20:25.4	R
		!!!	ISDR 247	1898	6	1656	55		116.27	56.47		FN0073/17	3			
		ERASE IMAGE														
22H093/631	04:06:31	COLOR	95.0/185.0	0	.12	1/1	1	4	REC/UH	16K	-12	51.0/-	285/ 6	165/01:14:59	08:01.2	
		BLU	SDR 749	0	0	2	2		82.82	51.54		FN0073/18	1			
		GRN	SDR 750	0	0	1	1		76.82	50.15		FN0073/19	1			
		RED	SDR 749	0	0	2	1		69.23	49.00		FN0073/20	1			
		COLOR SUNRISE														
22H094/631	07:01:31	SINGLE	135.0/137.5	10	.12	4/3	1	3	REC/UH	16K	-8	80.7/25.1	316/-17	165/04:09:59	00:05.6	
		SUN	SDR 28	22	6	0	0		135.57	47.77		FN0073/21	1			
		AM SUN DIODE														
22H095/631	12:03:00	SINGLE	115.0/155.0	-30	.04	13/2	1	4	REC/UH	16K	-8	167.6/66.0	27/-62	165/09:11:28	03:45.5	R
		BB3	ISDR 1057	1001	56	0	0		126.18	44.38		FN0073/22	2			
		PILE/TRENCH/SHROUD														
21H096/631	12:22:50	SINGLE	212.5/257.5	-20	.04	13/2	1	4	REC/UH	16K	4	178.5/66.4	212/-63	165/09:31:18	04:12.2	R
		BB3	ISDR 1176	1126	51	1	1		132.25	32.81		FN0073/23	2			
		PILE/TRENCH/TROUGH														
22H097/631	13:21:25	SINGLE	50.0/110.0	-10	.04	13/2	1	4	REC/UH	16K	8	209.4/64.1	67/-66	165/10:29:53	05:21.2	
		BB3	ISDR 1502	1501	1	0	0		146.97	40.08		FN0073/24	2			
		TROUGH/ROCKS														
22H098/631	13:28:00	SINGLE	32.5/ 50.0	-10	.04	13/2	1	4	REC/UH	16K	8	212.5/63.5	70/-65	165/10:36:28	01:34.5	
		BB3	SDR 440	439	1	0	0		137.02	43.98		FN0073/25	1			
		TROUGH/DRIFTS														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22H099/631	17:26:31	SINGLE	330.0/332.5	10	.12	4/3	1	3	REC/UH	16K	10	275.3/28.7	150/-36	165/14:35:00	00:05.6	
		SUN	SDR 23	22	1	0	0		28.05	21.59		FN0073/26	1			
		PM SUN DIODE														
21H100/632	13:26:59	SINGLE	80.0/307.5	-30	.12	14/1	1	4	REC/UH	16K	10	212.1/63.6	246/-65	166/11:15:03	20:25.4	R
		!!!	ISDR 162	0	0	1735	58		106.44	42.66		FN0073/27	3			
		ERASE IMAGE														
22H101/632	13:48:59	SINGLE	15.0/242.5	-30	.12	14/1	1	4	REC/UH	16K	10	221.6/61.5	82/-65	166/11:37:03	20:25.4	R
		!!!	ISDR 136	0	0	1761	45		136.71	37.69		FN0073/28	3			
		ERASE IMAGE														
22H102/634	07:10:00	SINGLE	137.5/140.0	10	.12	4/3	1	3	REC/UH	16K	-10	82.3/26.5	318/-18	168/06:17:14	00:05.6	
		SUN	SDR 23	22	1	0	0		42.35	27.93		FN0073/29	1			
		AM SUN DIODE														
21H103/634	17:32:59	SINGLE	147.5/150.0	10	.12	4/3	1	2	REC/UH	16K	12	276.5/27.6	327/-35	168/16:40:13	00:05.6	
		SUN	SDR 23	22	1	0	0		34.94	1.76		FN0073/30	1			
		PM SUN DIODE														
21H104/639	11:59:59	SINGLE	217.5/262.5	-20	.04	13/2	1	4	REC/UH	16K	12	166.8/65.7	203/-61	173/14:25:09	04:12.2	R
		BB3	SDR 1176	1126	53	3	2		129.52	32.87		FN0073/31	2			
		PILE/TRENCH/TROUGH														
22H105/640	07:09:59	SINGLE	137.5/140.0	10	.12	4/3	1	3	REC/UH	16K	-10	82.7/26.4	318/-18	174/10:14:44	00:05.6	
		SUN	SDR 23	22	1	0	0		43.28	30.76		FN0074/01	1			
		AM SUN DIODE														
21H106/640	17:28:59	SINGLE	147.5/150.0	10	.12	4/3	1	2	REC/UH	16K	12	275.7/27.9	326/-36	174/20:33:45	00:05.6	
		SUN	SDR 23	22	1	0	0		34.97	1.53		FN0074/02	1			
		PM SUN DIODE														
22H107/646	07:05:59	SINGLE	137.5/140.0	10	.12	4/3	1	3	REC/UH	16K	-10	82.4/25.7	318/-17	180/14:08:17	00:05.6	
		SUN	SDR 24	22	2	0	0		39.00	33.80		FN0074/03	1			
		AM SUN DIODE														
22H108/646	11:59:59	SINGLE	40.0/ 75.0	-10	.04	13/2	1	4	REC/UH	16K	4	167.5/65.3	28/-61	180/19:02:16	03:07.8	
		BB3	SDR 878	876	2	0	0		145.64	42.04		FN0074/04	1			
		TROUGH/ROCKS														
21H109/646	17:22:59	SINGLE	145.0/147.5	10	.12	4/3	1	2	REC/UH	16K	12	274.5/28.5	325/-36	181/00:25:16	00:05.6	
		SUN	SDR 21	0	0	1	1		35.42	7.84		FN0074/05	1			
		PM SUN DIODE														
22H110/653	06:59:59	SINGLE	137.5/140.0	10	.12	4/3	1	3	REC/UH	16K	-10	82.0/24.5	318/-16	187/18:39:23	00:05.6	
		SUN	SDR 23	22	1	0	0		49.35	26.85		FN0074/06	1			
		AM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21H111/653	17:24:59	SINGLE	145.0/147.5	10	.12	4/3	1	2	REC/UH	16K	12	274.6/27.7	325/-35	188/05:04:22	00:05.6	
		SUN	SDR 23	22	1	0	0		34.83	1.98		FN0074/07	1			
		PM SUN DIODE														
22H112/659	07:04:59	SINGLE	137.5/140.0	10	.12	4/3	1	3	REC/UH	16K	-10	83.3/25.2	319/-17	193/22:41:54	00:05.6	
		SUN	ISDR 23	22	1	0	0		52.09	39.14		FN0074/08	1			
		AM SUN DIODE														
22H113/659	12:00:00	SINGLE	102.5/155.0	-30	.04	13/2	1	4	REC/UH	16K	-10	168.8/64.4	29/-60	194/03:36:55	04:52.2	R
		BB3	ISDR 1362	1314	48	0	0		132.74	44.62		FN0074/09	2			
		PILE/TRENCH/SHROUD														
21H114/659	13:00:00	SINGLE	.0/ 2.5	0	.12	8/3	1	4	REC/UH	16K	8	199.8/63.7	234/-64	194/04:36:55	00:05.6	
		BB1	ISDR 21	0	0	1	1		91.22	39.02		FN0074/10	1			
		SCAN VERIFICATION														
21H115/659	13:00:06	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	8	199.9/63.7	234/-64	194/04:37:01	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0074/11	1			
		CALIBRATION FRAME														
21H116/659	17:22:59	SINGLE	145.0/147.5	10	.12	4/3	1	2	REC/UH	16K	12	274.0/27.6	324/-35	194/08:59:55	00:05.6	
		SUN	SDR 24	22	2	0	0		43.14	27.34		FN0074/12	1			
		PM SUN DIODE														
21H117/664	15:38:45	SINGLE	80.0/307.5	-30	.12	14/1	1	4	REC/UH	16K	14	253.5/44.0	300/-51	199/10:33:36	20:25.4	R
		!!!	ISDR 362	0	0	1535	89		105.18	48.22		FN0074/13	3			
		ERASE IMAGE														
22H118/665	06:59:59	SINGLE	137.5/140.0	10	.12	4/3	1	3	REC/UH	16K	-10	83.1/24.1	319/-16	200/02:34:26	00:05.6	
		SUN	SDR 23	22	1	0	0		40.96	36.87		FN0074/14	1			
		AM SUN DIODE														
21H119/665	17:25:58	SINGLE	145.0/147.5	10	.12	4/3	1	2	REC/UH	16K	10	274.3/26.6	325/-34	200/13:00:25	00:05.6	
		SUN	SDR 23	22	1	0	0		34.52	2.83		FN0074/15	1			
		PM SUN DIODE														
21H120/667	09:07:59	SINGLE	280.0/330.0	10	.12	1/3	1	5	REC/UH	16K	-2	108.0/44.7	158/-36	202/06:01:36	01:30.1	
		BLU	ISDR 419	418	1	0	0		110.21	55.75		FN0074/16	1			
		AM SKY BRIGHTNESS														
21H121/667	09:59:59	COLOR	210.0/235.0	-30	.12	1/1	1	4	REC/UH	16K	2	121.5/52.4	169/-44	202/06:53:36	02:14.5	
		BLU	SDR 209	0	0	0	0		80.18	28.10		FN0074/17	1			
		GRN	SDR 208	0	0	1	1		93.90	30.51		FN0074/18	1			
		RED	SDR 208	0	0	1	1		109.69	33.16		FN0074/19	1			
		COLOR-TRENCH/TROUGHS														

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VL-2 CAMERA EVENT REPORT

CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21H122/667 10:59:59	SINGLE	277.5/287.5	-30	.04	0/2	1	4	REC/UH	16K	6	142.0/59.7	185/-53	202/07:53:36	00:54.5	
	BB2	ISDR 253	251	2	0	0		108.60	30.41		FN0074/20	1			
	TRENCH-STEREO TO H123														
22H123/667 11:04:59	SINGLE	85.0/ 95.0	-30	.04	0/2	1	4	REC/UH	16K	2	144.0/60.2	10/-54	202/07:58:36	00:54.5	
	BB2	SDR 252	251	1	0	0		132.95	41.92		FN0074/21	1			
	TRENCH-STEREO TO H122														
21H124/667 11:44:59	COLOR	35.0/ 60.0	-10	.12	1/1	1	4	REC/UH	16K	8	162.1/63.2	200/-58	202/08:38:36	02:14.5	
	BLU	SDR 208	0	0	1	1		110.74	71.83		FN0074/22	1			
	GRN	ISDR 208	0	0	1	1		113.15	68.63		FN0074/23	1			
	RED	ISDR 208	0	0	1	1		113.19	56.77		FN0074/24	1			
	LANDER TOP														
21H125/667 16:00:00	SINGLE	220.0/275.0	-10	.04	13/2	1	4	REC/UH	16K	12	257.9/40.3	306/-48	202/12:53:37	04:54.5	
	BB3	ISDR 1366	0	0	10	2		109.91	33.15		FN0074/25	2			
	TROUGH/DRIFTS														
21H126/667 17:03:00	SINGLE	152.5/202.5	10	.12	1/3	1	5	REC/UH	16K	12	270.1/30.1	320/-38	202/13:56:37	01:30.1	
	BLU	ISDR 417	0	0	1	1		87.45	63.63		FN0074/26	1			
	PM SKY BRIGHTNESS														
21H127/667 17:27:00	SINGLE	145.0/147.5	10	.12	4/3	1	2	REC/UH	16K	14	274.3/26.2	325/-34	202/14:20:37	00:05.6	
	SUN	SDR 21	0	0	1	1		35.04	2.34		FN0074/27	1			
	PM SUN DIODE														
22H128/668 06:54:37	SINGLE	137.5/140.0	10	.12	4/3	1	3	REC/UH	16K	-12	82.4/23.1	318/-15	203/04:27:49	00:05.6	
	SUN	SDR 21	0	0	1	1		48.48	36.98		FN0074/28	1			
	AM SUN DIODE														
21H129/669 11:51:09	SINGLE	212.5/237.5	-30	.04	0/2	1	4	RT/UH	16K	-12	165.4/63.3	203/-59	204/10:03:57	02:21.0	
	BB2	ISDR 660	626	34	0	0		129.87	26.05		FN0074/29	1			
	TRENCHES														
21H130/669 11:58:52	SINGLE	80.0/307.5	-30	.12	14/1	1	4	REC/UH	16K	-13	169.2/63.5	206/-60	204/10:11:40	20:25.4	R
	!!!	ISDR 1897	0	0	0	0		.00	.00		FN0074/30	3			
	ERASE IMAGE														
22H131/669 12:20:08	SINGLE	15.0/242.5	-30	.12	14/1	1	4	REC/UH	16K	6	180.0/63.9	39/-61	204/10:32:56	20:25.4	R
	!!!	ISDR 114	0	0	1783	33		132.11	41.03		FN0074/31	3			
	ERASE IMAGE														
22H132/671 07:10:00	SINGLE	140.0/142.5	10	.12	4/3	1	3	REC/UH	16K	-8	85.4/25.5	321/-17	206/06:41:58	00:05.6	
	SUN	SDR 23	22	1	0	0		46.72	35.49		FN0074/32	1			
	AM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21H133/671	17:26:59	SINGLE	145.0/147.5	10	.12	4/3	1	2	REC/UH	16K	12	274.1/25.8	325/-34	206/16:58:57	00:05.6	
		SUN	SDR 23	22	1	0	0		35.05	2.63		FN0074/33	1			
		PM SUN DIODE														
21H134/676	11:59:59	SINGLE	217.5/262.5	-20	.04	13/2	1	4	REC/UH	16K	12	170.5/62.9	208/-59	211/14:49:53	04:12.2	R
		BB3	SDR 1179	1126	53	0	0		137.96	33.83		FN0074/34	2			
		PILE/TRENCHS/TROUGH														
22H135/677	07:06:58	SINGLE	140.0/142.5	10	.12	4/3	1	3	REC/UH	16K	-10	85.6/24.7	321/-16	212/10:36:28	00:05.6	
		SUN	SDR 23	22	1	0	0		48.83	34.01		FN0074/35	1			
		AM SUN DIODE														
21H136/677	17:28:59	SINGLE	145.0/147.5	10	.12	4/3	1	2	REC/UH	16K	10	274.1/24.9	325/-33	212/20:58:29	00:05.6	
		SUN	SDR 23	22	1	0	0		35.04	2.67		FN0074/36	1			
		PM SUN DIODE														
22H137/683	07:03:29	SINGLE	140.0/142.5	10	.12	4/3	1	3	REC/UH	16K	-10	85.7/23.7	321/-15	218/14:30:31	00:05.6	
		SUN	SDR 24	22	2	0	0		40.90	35.59		FN0074/37	1			
		AM SUN DIODE														
21H138/683	11:59:59	SINGLE	220.0/255.0	-10	.04	13/2	1	4	REC/UH	16K	6	171.2/62.1	209/-58	218/19:27:00	03:07.8	
		BB3	SDR 875	0	0	1	1		140.18	35.11		FN0074/38	1			
		TROUGH/DRIFTS														
21H139/683	17:17:59	SINGLE	142.5/145.0	10	.12	4/3	1	3	REC/UH	16K	10	271.7/26.1	322/-34	219/00:45:00	00:05.6	
		SUN	SDR 20	0	0	2	1		38.30	18.22		FN0075/01	1			
		PM SUN DIODE														
22H140/690	06:57:00	SINGLE	140.0/142.5	10	.12	4/3	1	3	REC/UH	16K	-12	85.4/22.2	321/-14	225/19:01:08	00:05.6	
		SUN	SDR 23	22	1	0	0		46.31	35.01		FN0075/02	1			
		AM SUN DIODE														
21H141/690	17:20:59	SINGLE	142.5/145.0	10	.12	4/3	1	3	REC/UH	16K	10	271.8/24.8	322/-32	226/05:25:07	00:05.6	
		SUN	SDR 23	22	1	0	0		32.12	19.33		FN0075/03	1			
		PM SUN DIODE														
22H142/696	07:04:59	SINGLE	142.5/145.0	10	.12	4/3	1	3	REC/UH	16K	-13	87.6/23.1	323/-15	231/23:06:38	00:05.6	
		SUN	SDR 23	22	1	0	0		50.80	33.27		FN0075/04	1			
		AM SUN DIODE														
22H143/696	11:59:59	SINGLE	102.5/155.0	-30	.04	13/2	1	4	REC/UH	16K	-13	172.5/60.4	35/-57	232/04:01:39	04:52.2	R
		BB3	SDR 1362	1314	48	0	0		135.28	45.73		FN0075/05	2			
		PILE/TRENCH/SHROUD														
22H144/696	12:59:59	SINGLE	.0/ 2.5	0	.12	8/3	1	4	REC/UH	16K	6	200.2/59.3	61/-60	232/05:01:39	00:05.6	
		BB1	SDR 21	0	0	1	1		71.78	24.45		FN0075/06	1			
		SCAN VERIFICATION														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS		
22H145/696	13:00:05	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	6	200.2/59.3	61/-60	232/05:01:45	00:18.0
		CAL	SDR 84	0	0	0	0		.00	.00		FN0075/07	1		
		CALIBRATION FRAME													
21H146/696	17:22:59	SINGLE	142.5/145.0	10	.12	4/3	1	3	REC/UH	16K	12	271.6/23.7	322/-31	232/09:24:39	00:05.6
		SUN	SDR 21	0	0	1	1		3?.44	21.35		FN0075/08	1		
		PM SUN DIODE													
22H147/701	14:21:40	SINGLE	15.0/242.5	-30	.12	14/1	1	4	REC/UH	16K	10	230.4/50.7	96/-55	237/09:41:15	20:25.4 R
		!!!	ISDR 333	0	0	1564	88		103.22	53.43		FN0075/09	3		
		ERASE IMAGE													
22H148/702	07:00:00	SINGLE	142.5/145.0	10	.12	4/3	1	2	REC/UH	16K	-13	87.6/21.8	323/-13	238/02:59:11	00:05.6
		SUN	ISDR 25	22	3	0	0		33.27	15.98		FN0075/10	1		
		AM SUN DIODE													
21H149/702	17:25:59	SINGLE	142.5/145.0	10	.12	4/3	1	2	REC/UH	16K	10	271.6/22.4	322/-30	238/13:25:10	00:05.6
		SUN	ISDR 23	22	1	0	0		35.21	4.95		FN0075/11	1		
		PM SUN DIODE													
22H150/704	06:59:59	SINGLE	142.5/145.0	10	.12	4/3	1	2	REC/UH	16K	-13	87.9/21.6	323/-13	240/04:18:20	00:05.6
		SUN	ISDR 23	22	1	0	0		31.37	4.04		FN0075/12	1		
		AM SUN DIODE													
21H151/704	09:20:59	SINGLE	285.0/335.0	10	.12	1/3	1	5	REC/UH	16K	-4	116.8/43.9	165/-36	240/06:39:20	01:30.1
		BLU	ISDR 419	418	1	0	0		120.01	62.17		FN0075/13	1		
		AM SKY BRIGHTNESS													
22H152/704	09:59:59	COLOR	90.0/115.0	-30	.12	1/1	1	4	REC/UH	16K	-2	127.5/49.3	358/-42	240/07:18:20	02:14.5
		BLU	SDR 209	0	0	0	0		83.13	47.17		FN0075/14	1		
		GRN	SDR 208	0	0	1	1		95.62	48.11		FN0075/15	1		
		RED	SDR 208	0	0	1	1		125.82	49.14		FN0075/16	1		
		COLOR-TROUGH/ROCKS													
21H153/704	10:59:59	SINGLE	277.5/287.5	-30	.04	0/2	1	4	REC/UH	16K	4	147.8/55.9	191/-50	240/08:18:20	00:54.5
		BB2	SDR 252	251	1	0	0		111.81	31.12		FN0075/17	1		
		TRENCH-STEREO TO H154													
22H154/704	11:04:59	SINGLE	85.0/ 95.0	-30	.04	0/2	1	4	REC/UH	16K	2	149.8/56.4	16/-50	240/08:23:20	00:54.5
		BB2	ISDR 254	251	3	0	0		137.21	42.78		FN0075/18	1		
		TRENCH-STEREO TO H153													
22H155/704	11:44:59	COLOR	285.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	4	166.6/58.8	30/-55	240/09:03:20	02:14.5
		BLU	SDR 209	0	0	0	0		94.68	53.54		FN0075/19	1		
		GRN	SDR 209	0	0	0	0		104.30	56.54		FN0075/20	1		
		RED	SDR 209	0	0	0	0		127.87	64.78		FN0075/21	1		
		LANDER TOP													

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VL-2 CAMERA EVENT REPORT

CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA-TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22H156/704 15:59:59	SINGLE	40.0/ 95.0	-10	.04	13/2	1	4	REC/UH	16K	8	255.0/36.1	127/-43	240/13:18:21	04:54.5	
	BB3	SDR 1362	1376	1	15	2		120.11	42.15		FN0075/22	2			
	TROUGH/DRIFTS														
21H157/704 16:43:59	SINGLE	145.0/195.0	10	.12	1/3	1	5	REC/UH	16K	10	263.7/29.0	313/-36	240/14:02:21	01:30.1	
	BLU	SDR 417	0	0	1	1		86.34	64.62		FN0075/23	1			
	PM SKY BRIGHTNESS														
21H158/704 17:26:59	SINGLE	142.5/145.0	10	.12	4/3	1	2	REC/UH	16K	12	271.7/22.0	322/-30	240/14:45:21	00:05.6	
	SUN	SDR 21	0	0	1	1		35.24	4.77		FN0075/24	1			
	PM SUN DIODE														
21H159/706 09:52:25	SINGLE	135.0/192.5	-10	.04	13/2	1	4	RT/UH	16K	-12	125.6/48.1	173/-40	242/08:29:57	05:06.0	
	BB3	SDR 1433	0	0	6	1		160.26	31.90		FN0075/25	2			
	ZERO PHASE-ROCKS														
22H160/706 09:58:11	COLOR	172.5/215.0	0	.12	1/1	1	4	RT/UH	16K	-2	127.3/48.9	358/-41	242/08:35:43	03:47.0	
	RED	SDR 354	0	0	1	1		112.42	60.13		FN0075/28	1			
	BLU	SDR 355	0	0	0	0		80.87	41.30		FN0075/26	1			
	GRN	SDR 355	0	0	0	0		85.38	43.35		FN0075/27	1			
	COLOR-OVER LANDER														
21H161/706 10:40:19	SINGLE	80.0/307.5	-30	.12	14/1	1	4	REC/UH	16K	2	140.9/53.8	185/-47	242/09:17:51	20:25.4	R
	!!!	ISDR 114	0	0	1783	42		118.73	64.82		FN0075/29	3			
	ERASE IMAGE														
22H162/706 11:01:35	SINGLE	15.0/242.5	-30	.12	14/1	1	4	REC/UH	16K	4	148.8/55.8	16/-50	242/09:39:07	20:25.4	R
	!!!	SDR 100	0	0	1797	50		126.94	50.02		FN0075/30	3			
	ERASE IMAGE														
22H163/708 07:09:59	SINGLE	145.0/147.5	10	.12	4/3	1	2	REC/UH	16K	-13	90.3/22.9	325/-14	244/07:06:42	00:05.6	
	SUN	SDR 23	22	1	0	0		31.41	3.62		FN0075/31	1			
	AM SUN DIODE														
21H164/708 17:26:59	SINGLE	142.5/145.0	10	.12	4/3	1	2	REC/UH	16K	10	271.3/21.4	322/-29	244/17:23:42	00:05.6	
	SUN	SDR 23	22	1	0	0		35.14	4.21		FN0075/32	1			
	PM SUN DIODE														
21H165/713 11:59:58	SINGLE	217.5/262.5	-20	.04	13/2	1	4	REC/UH	16K	10	174.1/57.8	213/-55	249/15:14:37	04:12.2	R
	BB3	SDR 1194	1126	68	0	0		147.35	33.34		FN0075/33	2			
	PILE/TROUGH/TRENCH														
22H166/714 07:06:59	SINGLE	145.0/147.5	10	.12	4/3	1	2	REC/UH	16K	-12	90.6/21.9	326/-13	250/11:01:13	00:05.6	
	SUN	SDR 24	22	2	0	0		35.46	21.16		FN0075/34	1			
	AM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21H167/714	17:32:00	SINGLE	142.5/145.0	10	.12	4/3	1	2	REC/UH	16K	8	271.6/19.7	322/-27	250/21:26:14	00:05.6	
		SUN	SDR 23	22	1	0	0		34.97	3.71		FN0075/35	1			
		PM SUN DIODE														
22H168/720	07:03:29	SINGLE	145.0/147.5	10	.12	4/3	1	2	REC/UH	16K	-15	91.0/20.7	326/-12	256/14:55:15	00:05.6	
		SUN	SDR 26	22	4	0	0		33.68	15.94		FN0075/36	1			
		AM SUN DIODE														
22H169/720	11:59:59	SINGLE	40.0/ 75.0	-10	.04	13/2	1	4	REC/UH	16K	0	174.8/56.6	38/-54	256/19:51:45	03:07.8	
		BB3	SDR 873	876	2	5	3		164.56	42.67		FN0075/37	1			
		TROUGH/DRIFTS														
21H170/720	17:22:59	SINGLE	140.0/142.5	10	.12	4/3	1	2	REC/UH	16K	6	269.4/20.3	320/-28	257/01:14:44	00:05.6	
		SUN	SDR 20	0	0	2	1		35.00	3.42		FN0076/01	1			
		PM SUN DIODE														
22H171/727	06:57:00	SINGLE	145.0/147.5	10	.12	4/3	1	2	REC/UH	16K	-17	90.9/18.9	326/-10	263/19:25:52	00:05.6	
		SUN	SDR 23	22	1	0	0		31.28	3.59		FN0076/02	1			
		AM SUN DIODE														
21H172/727	17:24:59	SINGLE	140.0/142.5	10	.12	4/3	1	2		16K	8	269.0/18.9	319/-27	264/05:53:52	00:05.6	
		SUN	SDR 23	22	1	0	0		34.88	3.19		FN0076/03	1			
		PM SUN DIODE														
22H173/733	07:04:59	SINGLE	147.5/150.0	10	.12	4/3	1	2	REC/UH	16K	-17	93.4/19.5	328/-11	269/23:31:22	00:05.6	
		SUN	SDR 23	22	1	0	0		31.40	4.27		FN0076/04	1			
		AM SUN DIODE														
22H174/733	11:59:58	SINGLE	102.5/155.0	-30	.04	13/2	1	4	REC/UH	16K	-17	175.9/54.2	40/-51	270/04:26:22	04:52.2	R
		BB3	SDR 1362	1314	48	0	0		136.07	47.32		FN0076/05	2			
		PILE/TRENCH/SHROUD														
21H175/733	12:59:59	SINGLE	.0/ 2.5	0	.12	8/3	1	4	REC/UH	16K	4	199.9/52.8	240/-53	270/05:26:23	00:05.6	
		BB1	SDR 21	0	0	1	1		90.55	38.87		FN0076/06	1			
		SCAN VERIFICATION														
21H176/733	13:00:05	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	4	200.0/52.8	240/-53	270/05:26:29	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0076/07	1			
		CALIBRATION FRAME														
21H177/733	17:26:59	SINGLE	140.0/142.5	10	.12	4/3	1	2	REC/UH	16K	6	268.7/17.5	319/-25	270/09:53:23	00:05.6	
		SUN	SDR 21	0	0	1	1		34.79	3.64		FN0076/08	1			
		PM SUN DIODE														
21H178/738	11:52:16	SINGLE	237.5/292.5	-30	.04	0/2	1	4	RT/UH	16K	6	173.2/53.1	214/-50	275/07:36:36	05:02.0	
		BB2	SDR 1402	1376	39	13	4		130.95	32.27		FN0076/09	2			
		PILE/*E*/TRENCHES														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22H179/738	12:44:08	SINGLE	15.0/242.5	-30	.12	14/1	1	4	REC/UH	16K	0	193.8/52.6	58/-52	275/08:28:29	20:25.4	R
		!!!	ISDR	86	0	0	1811	52	136.22	62.85		FN0076/10	3			
		ERASE IMAGE														
22H180/739	06:59:59	SINGLE	147.5/150.0	10	.12	4/3	1	2	RE[illegible]/UH	16K	-15	93.5/18.0	328/ -9	276/03:23:55	00:05.6	
		SUN	SDR	23	22	1	0	0	31.15	2.94		FN0076/11	1			
		AM SUN DIODE														
21H181/739	17:20:59	SINGLE	137.5/140.0	10	.12	4/3	1	2	REC/UH	16K	6	266.9/17.5	317/-25	276/13:44:54	00:05.6	
		SUN	SDR	23	22	1	0	0	34.69	4.53		FN0076/12	1			
		PM SUN DIODE														
22H182/741	06:54:59	SINGLE	147.5/150.0	10	.12	4/3	1	2	REC/UH	16K	-15	92.9/16.9	328/ -8	278/04:38:05	00:05.6	
		SUN	SDR	23	22	1	0	0	31.12	2.62		FN0076/13	1			
		AM SUN DIODE														
21H183/741	09:51:59	SINGLE	12.5/ 62.5	10	.12	1/3	1	5	REC/UH	16K	-4	132.0/43.4	179/-36	278/07:35:04	01:30.1	
		BLU	SDR	419	418	1	0	0	103.78	70.76		FN0076/14	1			
		AM SKY BRIGHTNESS														
21H184/741	09:59:59	COLOR	210.0/235.0	-30	.12	1/1	1	4	REC/UH	16K	-4	134.3/44.3	181/-37	278/07:43:04	02:14.5	
		BLU	SDR	209	0	0	0	0	86.55	32.17		FN0076/15	1			
		GRN	SDR	209	0	0	0	0	101.58	36.78		FN0076/16	1			
		RED	SDR	208	0	0	1	1	116.40	42.03		FN0076/17	1			
		COLOR-TROUGH/ROCKS														
21H185/741	10:59:58	SINGLE	277.5/287.5	-30	.04	0/2	1	4	REC/UH	16K	0	153.8/50.1	197/-45	278/08:43:04	00:54.5	
		BB2	SDR	254	251	3	0	0	114.78	33.41		FN0076/18	1			
		TRENCH-STEREO TO H186														
22H186/741	11:04:58	SINGLE	85.0/ 95.0	-30	.04	0/2	1	4	REC/UH	16K	-4	155.6/50.4	23/-45	278/08:48:04	00:54.5	
		BB2	SDR	252	251	1	0	0	142.93	45.76		FN0076/19	1			
		TRENCH-STEREO TO H185														
21H187/741	11:44:58	COLOR	35.0/ 60.0	-10	.12	1/1	1	4	REC/UH	16K	2	170.6/52.3	212/-49	278/09:28:04	02:14.5	
		BLU	SDR	210	210	1	0	0	79.37	41.59		FN0076/20	1			
		GRN	SDR	210	210	1	0	0	87.34	46.70		FN0076/21	1			
		RED	SDR	210	210	1	0	0	100.56	57.96		FN0076/22	1			
		LANDER TOP														
21H188/741	15:59:58	SINGLE	220.0/275.0	-10	.04	13/2	1	4	REC/UH	16K	6	250.9/30.1	299/-37	278/13:43:04	04:54.5	
		BB3	SDR	1377	1376	2	1	1	108.84	32.84		FN0076/23	2			
		TROUGH/DRIFTS/ROCKS														
21H189/741	16:29:59	SINGLE	137.5/187.5	10	.12	1/3	1	5	REC/UH	16K	8	257.0/25.4	306/-33	278/14:13:05	01:30.1	
		BLU	SDR	417	0	0	1	1	86.32	65.90		FN0076/24	1			
		PM SKY BRIGHTNESS														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21H190/741	17:26:59	SINGLE	137.5/140.0	10	.12	4/3	1	2	REC/UH	16K	8	267.8/16.2	318/-24	278/15:10:05	00:05.6	
		SUN	SDR 21	0	0	1	1		34.98	3.96		FN0076/25	1			
		PM SUN DIODE														
22H191/743	08:08:15	SINGLE	10.0/330.0	-10	.04	5/2	1	4	RT/UH	16K	-13	107.5/28.4	342/-20	280/07:10:32	28:25.0	
		BB4	SDR 7989	0	0	12	3		95.37	50.99		FN0076/26	9			
		TROUGH/HORIZON - NICE														
22H192/743	08:37:20	SINGLE	57.5/170.0	-30	.04	0/2	1	4	RT/UH	16K	-10	113.7/32.9	347/-24	280/07:39:37	10:00.0	
		BB2	SDR 2807	0	0	7	3		87.95	44.14		FN0076/27	4			
		TRENCHES/SHROUD/PILE														
21H193/743	09:13:40	SINGLE	80.0/307.5	-30	.12	14/1	1	4	REC/UH	16K	-4	122.2/38.1	171/-30	280/08:15:56	20:25.4	R
		!!!	ISDR 158	0	0	1739	63		94.75	44.67		FN0076/28	3			
		ERASE IMAGE														
22H194/743	09:34:56	SINGLE	15.0/242.5	-30	.12	14/1	1	4	REC/UH	16K	-2	127.7/40.9	359/-33	280/08:37:12	20:25.4	R
		!!!	ISDR 200	1898	1	1698	51		86.04	42.77		FN0077/01	3			
		ERASE IMAGE														
22H195/745	07:06:59	SINGLE	150.0/152.5	10	.12	4/3	1	2	REC/UH	16K	-19	95.8/18.4	331/-10	282/07:28:26	00:05.6	
		SUN	SDR 23	22	1	0	0		31.06	1.87		FN0077/02	1			
		AM SUN DIODE														
21H196/745	17:26:59	SINGLE	137.5/140.0	10	.12	4/3	1	2	REC/UH	16K	2	267.3/15.5	318/-23	282/17:48:26	00:05.6	
		SUN	SDR 23	22	1	0	0		34.03	3.16		FN0077/03	1			
		PM SUN DIODE														
21H197/750	11:59:59	SINGLE	217.5/262.5	-20	.04	13/2	1	4	REC/UH	16K	2	177.2/50.7	219/-48	287/15:39:22	04:12.2	R
		BB3	ISDR 1179	1126	53	0	0		155.07	31.14		FN0077/04	2			
		PILE/TRENCH/TROUGH														
22H198/751	07:09:59	SINGLE	152.5/155.0	10	.12	4/3	1	2	REC/UH	16K	-19	97.5/18.1	332/ -9	288/11:28:58	00:05.6	
		SUN	SDR 26	22	4	0	0		37.92	23.67		FN0077/05	1			
		AM SUN DIODE														
21H199/751	17:29:00	SINGLE	137.5/140.0	10	.12	4/3	1	2	REC/UH	16K	6	267.0/14.1	317/-22	288/21:47:58	00:05.6	
		SUN	SDR 27	22	5	0	0		47.07	24.23		FN0077/06	1			
		PM SUN DIODE														
22H200/757	07:05:59	SINGLE	152.5/155.0	10	.12	4/3	1	2	REC/UH	16K	-19	97.8/16.6	333/ -8	294/15:22:29	00:05.6	
		SUN	SDR 21	0	0	1	1		31.08	2.11		FN0077/07	1			
		AM SUN DIODE														
21H201/757	11:59:59	SINGLE	220.0/255.0	-10	.04	13/2	1	4	REC/UH	16K	0	177.6/49.2	219/-47	294/20:16:29	03:07.8	
		BB3	ISDR 877	876	2	1	1		158.31	33.66		FN0077/08	1			
		TROUGH/DRIFTS														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21H202/757	17:22:59	SINGLE	135.0/137.5	10	.12	4/3	1	2	REC/UH	16K	4	265.1/13.9	315/-21	295/01:39:28	00:05.6	
		SUN	ISDR 23	22	1	0	0		37.10	17.68		FN0077/09	1			
		PM SUN DIODE														
22H203/764	06:59:59	SINGLE	152.5/155.0	10	.12	4/3	1	2	REC/UH	16K	-19	97.9/14.6	333/ -6	301/19:53:36	00:05.6	
		SUN	SDR 21	0	0	1	1		31.10	2.57		FN0077/10	1			
		AM SUN DIODE														
21H204/764	17:24:59	SINGLE	135.0/137.5	10	.12	4/3	1	2	REC/UH	16K	2	264.5/12.3	315/-20	302/06:18:36	00:05.6	
		SUN	SDR 23	22	1	0	0		34.62	2.75		FN0077/11	1			
		PM SUN DIODE														
22H205/770	07:08:59	SINGLE	155.0/157.5	10	.12	4/3	1	2	REC/UH	16K	-21	100.7/15.1	335/ -6	308/00:00:08	00:05.6	
		SUN	ISDR 24	22	2	0	0		32.19	13.41		FN0077/12	1			
		AM SUN DIODE														
22H206/770	11:59:59	SINGLE	102.5/155.0	-30	.04	13/2	1	4	REC/UH	16K	-21	178.3/46.3	45/-44	308/04:51:07	04:52.2	R
		BB3	ISDR 1361	1314	50	3	2		133.85	50.20		FN0077/13	2			
		TRENCH/PILE/SHROUD														
22H207/770	12:59:59	SINGLE	.0/ 2.5	0	.12	8/3	1	4	REC/UH	16K	0	199.0/44.8	65/-45	308/05:51:07	00:05.6	
		BB1	SDR 21	0	0	1	1		70.29	23.58		FN0077/14	1			
		SCAN VERIFICATION														
22H208/770	13:00:05	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	0	199.0/44.8	65/-45	308/05:51:13	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		FN0077/15	1			
		CALIBRATION FRAME														
21H209/770	17:27:00	SINGLE	135.0/137.5	10	.12	4/3	1	2	REC/UH	16K	4	264.1/10.8	314/-18	308/10:18:08	00:05.6	
		SUN	SDR 21	0	0	1	1		33.97	3.46		FN0077/16	1			
		PM SUN DIODE														
21H210/774	19:00:30	COLOR	155.0/157.5	10	.12	1/1	1	4	REC/UH	250	4	280.5/-5.1	331/ -3	312/14:30:00	14:14.5	
		BLU	ISDR 19	0	0	3	2		63.25	26.65		FN0077/17	1			
		GRN	ISDR 20	0	0	2	1		43.12	13.02		FN0077/18	1			
		RED	ISDR 20	0	0	2	1		37.92	33.86		FN0077/19	1			
		PM TWILIGHT/DSM TEST														
21H211/775	10:17:14	SINGLE	205.0/305.0	-10	.04	5/2	1	4	RT/UH	16K	-4	145.1/39.8	191/-34	313/06:26:18	09:02.0	
		BB4	SDR 2540	2501	39	0	0		133.91	43.15		FN0077/20	4			
		ERASE IMAGE														
21H212/775	11:14:35	SINGLE	80.0/307.5	-30	.12	14/1	1	4	REC/UH	16K	-2	163.1/43.9	207/-40	313/07:23:40	20:25.4	R
		!!!	ISDR 304	0	0	1593	87		98.82	50.70		FN0077/21	3			
		ERASE IMAGE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22H213/776	07:03:59	SINGLE	155.0/157.5	10	.12	4/3	1	1	REC/UH	16K	-23	100.8/13.4	335/ -5	314/03:52:39	00:05.6	
		SUN	SDR	23	22	1	0	0	67.93	3.05		FN0077/22	1			
		AM SUN DIODE														
21H214/776	17:20:59	SINGLE	132.5/135.0	10	.12	4/3	1	1	REC/UH	16K	0	262.1/10.7	312/-18	314/14:09:38	00:05.6	
		SUN	SDR	23	22	1	0	0	63.09	2.10		FN0077/23	1			
		PM SUN DIODE														
22H215/778	06:59:59	SINGLE	155.0/157.5	10	.12	4/3	1	1	REC/UH	16K	-21	100.4/12.4	335/ -4	316/05:07:50	00:05.6	
		SUN	SDR	23	22	1	0	0	68.31	2.55		FN0077/24	1			
		AM SUN DIODE														
22H216/778	09:59:59	COLOR	90.0/115.0	-30	.12	1/1	1	4	REC/UH	16K	-13	140.7/37.5	12/-31	316/08:07:50	02:14.5	
		BLU	SDR	209	0	0	0	0	78.92	48.16		FN0077/25	1			
		GRN	SDR	208	0	0	1	1	89.92	47.75		FN0077/26	1			
		RED	SDR	208	0	0	1	1	121.17	50.85		FN0077/27	1			
		COLOR-TROUGH/ROCKS														
21H217/778	10:46:59	SINGLE	30.0/ 80.0	10	.12	1/3	1	5	REC/UH	16K	-6	154.5/41.6	200/-36	316/08:54:50	01:30.1	
		BLU	ISDR	419	418	1	0	0	90.69	75.41		FN0077/28	1			
		AM SKY BRITE														
21H218/778	10:59:59	SINGLE	277.5/287.5	-30	.04	0/2	1	4	REC/UH	16K	-4	158.6/42.5	203/-38	316/09:07:50	00:54.5	
		BB2	ISDR	254	251	3	0	0	106.97	31.44		FN0077/29	1			
		TRENCH-STEREO TO H219														
22H219/778	11:04:59	SINGLE	85.0/ 95.0	-30	.04	0/2	1	4	REC/UH	16K	-10	160.2/42.7	29/-38	316/09:12:50	00:54.5	
		BB2	ISDR	252	251	3	2	1	134.81	43.78		FN0077/30	1			
		TRENCH-STEREO TO H218														
22H220/778	11:44:59	COLOR	285.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	-6	173.5/44.2	41/-41	316/09:52:49	02:14.5	
		BLU	ISDR	192	0	0	17	2	65.51	38.58		FN0077/31	1			
		GRN	ISDR	192	0	0	17	1	72.87	40.97		FN0077/32	1			
		RED	ISDR	192	0	0	17	1	93.78	52.76		FN0077/33	1			
		LANDER TOP														
21H221/779	15:21:37	SINGLE	117.5/167.5	10	.12	1/3	1	5	REC/UH	16K	-2	237.6/28.3	285/-34	317/14:09:02	01:30.1	
		BLU	ISDR	417	0	0	1	1	83.39	67.35		FN0077/34	1			
		PM SKY BRIGHTNESS														
22H222/779	15:59:38	SINGLE	40.0/ 95.0	-10	.04	13/2	1	4	REC/UH	16K	-2	245.9/22.8	118/-29	317/14:47:03	04:54.5	
		BB3	ISDR	1375	0	0	1	1	97.92	33.68		FN0077/35	2			
		TROUGH/DRIFTS														
21H223/779	17:22:38	SINGLE	132.5/135.0	10	.12	4/3	1	1	REC/UH	16K	-2	262.0/ 9.8	312/-17	317/16:10:03	00:05.6	
		SUN	ISDR	21	0	0	1	1	63.04	1.43		FN0077/36	1			
		PM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST	RSCN
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21H224/779	18:57:35	COLOR	155.0/157.5	10	.12	1/1	1	4	REC/UH	250	-2	279.2/-5.6	330/	-2 317/17:45:00	14:14.5	
		BLU	ISDR	19	0	0	3	2	23.26	.98		FN0077/37	1			
		GRN	ISDR	20	0	0	2	1	35.00	.00		FN0077/38	1			
		RED	ISDR	20	0	0	2	1	104.13	58.52		FN0077/39	1			
		PM TWILIGHT/DSM TEST														
21H225/780	07:26:50	SINGLE	210.0/230.0	-30	.12	1/3	1	3	RT/UH	16K	-8	105.9/16.3	156/	-8 318/06:53:51	30:30.0	
		BLU	ISDR	3856	168	3699	11	4	50.20	23.77		FN0078/01	5			
		BLUE SURF.MON.														
22H226/780	08:07:49	SINGLE	80.0/307.5	-30	.12	14/1	1	4	REC/UH	16K	-21	114.1/22.6	348/-14	318/07:34:49	20:25.4	R
		!!!	SDR	1900	314	3	0	0	126.49	60.36		FN0078/02	1			
		!!!	ISDR	1898	314	3	2	2	64.42	19.29		FN0078/02	0			
		ERASE IMAGE														
21H227/780	08:29:22	SINGLE	92.5/320.0	-10	.04	5/2	1	4	REC/UH	16K	-15	118.7/25.7	168/-18	318/07:56:22	20:25.4	R
		BB4	SDR	5692	314	3	0	0	126.49	60.36		FN0078/03	1			
		BB4	ISDR	5690	314	3	2	2	64.42	19.29		FN0078/03	0			
		ERASE IMAGE														
22H228/784	14:34:38	SINGLE	275.0/277.5	10	.12	4/3	1	3	REC/UH	16K	-4	225.6/33.2	96/-38	322/16:40:00	00:05.6	
		SUN	ISDR	23	22	1	0	0	36.29	25.56		FN0078/04	1			
		PM SUN DIODE														
22H229/784	14:44:38	SINGLE	277.5/280.0	10	.12	4/3	1	1	REC/UH	16K	-4	228.1/32.0	98/-37	322/16:50:00	00:05.6	
		SUN	ISDR	25	22	3	0	0	71.00	15.74		FN0078/05	1			
		PM SUN DIODE														
22H230/792	14:27:56	SINGLE	272.5/275.0	10	.12	4/3	1	3	REC/UH	16K	-4	222.9/32.2	93/-36	330/21:50:00	00:05.6	
		SUN	ISDR	23	22	1	0	0	27.09	12.21		FN0078/06	1			
		PM SUN DIODE														
22H231/792	14:37:56	SINGLE	275.0/277.5	10	.12	4/3	1	1	REC/UH	16K	-4	225.4/31.1	96/-35	330/22:00:00	00:05.6	
		SUN	ISDR	23	22	1	0	0	68.26	3.68		FN0078/07	1			
		PM SUN DIODE														
22H232/800	14:31:14	SINGLE	272.5/275.0	10	.12	4/3	1	3	REC/UH	16K	-4	222.7/30.1	93/-34	339/03:10:00	00:05.6	
		SUN	ISDR	23	22	1	0	0	32.01	22.53		FN0078/08	1			
		PM SUN DIODE														
22H233/800	14:41:14	SINGLE	275.0/277.5	10	.12	4/3	1	1	REC/UH	16K	0	225.2/29.0	96/-33	339/03:20:00	00:05.6	
		SUN	ISDR	23	22	1	0	0	68.62	4.13		FN0078/09	1			
		PM SUN DIODE														
21H234/801	13:57:59	SINGLE	240.0/250.0	-30	.04	0/2	1	4	REC/UH	16K	-2	214.0/33.3	259/-36	340/03:16:20	00:54.5	
		BB2	ISDR	254	251	3	0	0	108.42	41.11		FN0078/10	1			
		F/C E253 REPRO														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21H235/808	09:59:32	SINGLE	12.5/ 15.0	10	.12	4/3	1	3	REC/UH	16K	-15	144.4/30.9	192/-25	347/03:54:59	00:05.6	
		SUN	ISDR 21	0	0	1	1		37.26	18.95		FN0078/11	1			
		SUN-CAMERA COMP														
21H236/808	10:00:32	SINGLE	12.5/ 15.0	10	.12	4/3	1	1	REC/UH	16K	-15	144.6/30.9	192/-25	347/03:55:59	00:05.6	
		SUN	ISDR 21	0	0	1	1		63.20	3.54		FN0078/12	1			
		SUN-CAMERA COMP														
22H237/808	10:04:32	SINGLE	197.5/200.0	10	.12	4/3	1	3	REC/UH	16K	-19	145.7/31.3	17/-25	347/03:59:59	00:05.6	
		SUN	ISDR 21	0	0	1	1		24.97	9.53		FN0078/13	1			
		SUN-CAMERA COMP														
22H238/808	10:05:32	SINGLE	197.5/200.0	10	.12	4/3	1	1	REC/UH	16K	-19	145.9/31.4	17/-25	347/04:00:59	00:05.6	
		SUN	ISDR 21	0	0	1	1		68.35	4.35		FN0078/14	1			
		SUN-CAMERA COMP														
22H239/808	14:44:32	SINGLE	275.0/277.5	10	.12	4/3	1	3	REC/UH	16K	-4	224.9/26.9	96/-31	347/08:40:00	00:05.6	
		SUN	ISDR 21	0	0	1	1		37.57	29.96		FN0078/15	1			
		PM SUN DIODE														
22H240/808	14:49:32	SINGLE	277.5/280.0	10	.12	4/3	1	1	REC/UH	16K	-4	226.1/26.3	97/-31	347/08:45:00	00:05.6	
		SUN	ISDR 21	0	0	1	1		68.68	3.56		FN0078/16	1			
		PM SUN DIODE														
22H241/816	14:37:50	SINGLE	272.5/275.0	10	.12	4/3	1	3	REC/UH	16K	-12	222.1/26.0	93/-30	355/13:49:59	00:05.6	
		SUN	ISDR 21	0	0	1	1		25.11	9.31		FN0078/17	1			
		PM SUN DIODE														
22H242/816	14:47:50	SINGLE	275.0/277.5	10	.12	4/3	1	1	REC/UH	16K	-12	224.5/24.8	96/-29	355/13:59:59	00:05.6	
		SUN	ISDR 21	0	0	1	1		68.86	4.67		FN0078/18	1			
		PM SUN DIODE														
22H243/824	14:21:08	SINGLE	267.5/270.0	10	.12	4/3	1	3	REC/UH	16K	-12	217.0/26.0	88/-29	363/18:50:00	00:05.6	
		SUN	ISDR 23	22	1	0	0		102.89	71.75		FN0078/19	1			
		PM SUN DIODE														
22H244/824	14:31:08	SINGLE	270.0/272.5	10	.12	4/3	1	1	REC/UH	16K	-12	219.4/25.0	90/-29	363/19:00:00	00:05.6	
		SUN	ISDR 20	0	0	2	1		68.48	3.98		FN0078/20	1			
		PM SUN DIODE														
21H245/828	13:19:58	COLOR	215.0/232.5	-30	.12	1/1	1	4	REC/UH	16K	-21	200.7/30.0	247/-31	002/20:27:11	01:34.5	
		BLU	ISDR 146	0	0	1	1		50.09	17.99		FN0078/21	1			
		GRN	ISDR 146	0	0	1	1		59.03	24.07		FN0078/22	1			
		RED	ISDR 145	0	0	2	1		71.85	29.86		FN0078/23	1			
		F/C C174 REPRO														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA-TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22H246/832	13:39:26	SINGLE	255.0/257.5	10	.12	4/3	1	3	REC/UH	16K	-15	205.4/27.9	76/-30	006/23:25:00	00:05.6	
		SUN	ISDR 23	22	1	0	0		26.00	8.39		FN0078/24	1			
		PM SUN DIODE														
22H247/832	13:49:26	SINGLE	257.5/260.0	10	.12	4/3	1	1	REC/UH	16K	-13	207.9/27.1	78/-29	006/23:35:00	00:05.6	
		SUN	ISDR 23	22	1	0	0		68.28	3.92		FN0078/25	1			
		PM SUN DIODE														
22H248/840	13:42:44	SINGLE	255.0/257.5	10	.12	4/3	1	3	REC/UH	16K	-19	205.2/26.0	76/-28	015/04:45:00	00:05.6	
		SUN	ISDR 23	22	1	0	0		24.29	14.08		FN0078/26	1			
		PM SUN DIODE														
22H249/840	13:47:44	SINGLE	257.5/260.0	10	.12	4/3	1	1	REC/UH	16K	-19	206.4/25.6	77/-28	015/04:50:00	00:05.6	
		SUN	ISDR 25	22	3	0	0		69.74	14.70		FN0078/27	1			
		PM SUN DIODE														
21H250/845	13:57:58	SINGLE	240.0/250.0	-30	.04	0/2	1	4	REC/UH	16K	-15	208.2/23:9	255/-26	020/08:18:10	00:54.5	
		BB2	ISDR 254	251	3	0	0		50.42	16.12		FN0078/28	1			
		SAME AS H234														
22H251/848	13:46:02	SINGLE	255.0/257.5	10	.12	4/3	1	3	REC/UH	16K	-25	204.8/24.2	76/-26	023/10:05:00	00:05.6	
		SUN	ISDR 21	0	0	1	1		23.22	1.32		FN0078/29	1			
		PM SUN DIODE														
22H252/848	13:56:02	SINGLE	257.5/260.0	10	.12	4/3	1	1	REC/UH	16K	-25	207.3/23.5	78/-26	023/10:15:00	00:05.6	
		SUN	ISDR 21	0	0	1	1		67.28	2.82		FN0078/30	1			
		PM SUN DIODE														
21H253/853	13:19:57	SINGLE	215.0/232.5	-30	.12	3/3	1	4	REC/UH	16K	-23	197.6/24.8	244/-25	028/12:56:52	00:32.3	
		RED	ISDR 146	0	0	1	1		51.74	17.30		FN0078/31	1			
		F/C C174 REPRO														
22H254/856	13:49:20	SINGLE	255.0/257.5	10	.12	4/3	1	3	REC/UH	16K	-19	204.4/22.5	76/-24	031/15:25:00	00:05.6	
		SUN	ISDR 21	0	0	1	1		26.38	13.29		FN0078/32	1			
		PM SUN DIODE														
22H255/856	13:59:20	SINGLE	257.5/260.0	10	.12	4/3	1	1	REC/UH	16K	-19	206.9/21.8	78/-24	031/15:35:00	00:05.6	
		SUN	ISDR 21	0	0	1	1		68.52	3.34		FN0079/01	1			
		PM SUN DIODE														
22I000/864	13:52:38	SINGLE	255.0/257.5	10	.12	4/3	1	3	REC/UH	16K	-21	204.0/21.0	75/-23	039/20:44:59	00:05.6	
		SUN	ISDR 20	0	0	2	1		24.00	9.44		FN0079/02	1			
		PM SUN DIODE														
22I001/864	14:02:38	SINGLE	257.5/260.0	10	.12	4/3	1	1	REC/UH	16K	-21	206.3/20.3	78/-22	039/20:54:59	00:05.6	
		SUN	ISDR 21	0	0	1	1		67.49	1.91		FN0079/03	1			
		PM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22I002/871	04:16:14	SINGLE	80.0/307.5		-30 .12	14/1	1	4	REC/UH	16K	-21	82.9/-32	316/ 40	046/15:45:43	20:25.4	R
		!!!	SDR 1900		314 3	0	0		126.49	60.36		FN0079/04	1			
		ERASE IMAGE														
21I003/871	04:37:37	SINGLE	92.5/320.0		-10 .04	5/2	1	4	REC/UH	16K	-15	87.0/-28	137/ 36	046/16:07:06	20:25.4	R
		BB4	SDR 5692		314 3	0	0		126.49	60.36		FN0079/05	1			
		ERASE IMAGE														
21I004/871	11:00:59	COLOR	230.0/302.5		-30 .12	1/1	1	3	REC/UH	16K	-25	160.7/20.8	209/-17	046/22:30:28	06:27.8	
		BLU	ISDR 604		0 0	1	1		69.33	36.62		FN0079/06	1			
		GRN	ISDR 604		0 0	1	1		80.55	35.98		FN0079/07	1			
		RED	ISDR 604		0 0	1	1		100.74	45.02		FN0079/08	1			
		F/C 0049 REPRO														
21I005/871	11:09:59	SINGLE	.0/ 2.5		0 .12	8/3	1	4	REC/UH	16K	-23	162.9/21.3	211/-17	046/22:39:28	00:05.6	
		BB1	ISDR 25		22 3	0	0		71.54	32.51		FN0079/09	1			
		SCAN VERIFICATION														
21I006/871	11:10:05	SINGLE	170.0/170.0		-40	/7			REC/UH	16K	-23	162.9/21.3	211/-17	046/22:39:34	00:18.0	
		CAL	ISDR 84		0 0	0	0		.00	.00		FN0079/10	1			
		CALIBRATION FRAME														
22I007/872	08:28:52	COLOR	182.5/185.0		10 .12	1/1	1	3	REC/UH	16K	-33	128.0/ 6.2	2/ 0	047/20:37:56	00:14.5	
		BLU	ISDR 21		0 0	1	1		36.39	27.11		FN0079/11	1			
		GRN	ISDR 21		0 0	1	1		66.26	71.49		FN0079/12	1			
		RED	ISDR 20		0 0	2	1		97.85	78.33		FN0079/13	1			
		SUNRISE-CLR														
22I008/872	08:30:22	IR	182.5/185.0		10 .12	9/1	1	3	REC/UH	16K	-33	128.2/ 6.3	3/ 0	047/20:39:26	00:14.5	
		IR3	ISDR 21		0 0	1	1		99.67	70.00		FN0079/14	1			
		IR2	ISDR 21		0 0	1	1		99.85	70.41		FN0079/15	1			
		IR1	ISDR 20		0 0	2	1		102.10	71.29		FN0079/16	1			
		SUNRISE-IR														
22I009/872	08:31:52	COLOR	182.5/185.0		10 .12	1/1	1	5	REC/UH	16K	-35	128.5/ 6.5	3/ 0	047/20:40:56	00:14.5	
		BLU	ISDR 21		0 0	1	1		129.46	49.60		FN0079/17	1			
		GRN	ISDR 21		0 0	1	1		121.83	51.35		FN0079/18	1			
		RED	ISDR 20		0 0	2	1		108.45	53.50		FN0079/19	1			
		SUNRISE-CLR														
22I010/872	08:33:22	IR	182.5/185.0		10 .12	9/1	1	5	REC/UH	16K	-35	128.8/ 6.7	3/ 0	047/20:42:26	00:14.5	
		IR3	ISDR 21		0 0	1	1		88.43	55.87		FN0079/20	1			
		IR2	ISDR 21		0 0	1	1		88.74	56.04		FN0079/21	1			
		IR1	ISDR 20		0 0	2	1		93.20	55.97		FN0079/22	1			
		SUNRISE-IR														

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST	RSCN
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22I011/872	09:08:52	SINGLE	190.0/192.5	10	.12	4/3	1	0	REC/UH	16K	-33	135.8/11.0	10/ -4	047/21:17:56	00:05.6	
		SUN	ISDR 23	22	1	0	0		135.12	1.83		FN0079/23	1			
		AM SUN DIODE														
22I012/872	09:13:52	SINGLE	190.0/192.5	10	.12	4/3	1	2	REC/UH	16K	-33	136.9/11.6	11/ -5	047/21:22:56	00:05.6	
		SUN	ISDR 23	22	1	0	0		31.01	.51		FN0079/24	1			
		AM SUN DIODE														
21I013/872	09:38:52	SINGLE	235.0/257.5	-10	.04	5/2	1	2	REC/UH	16K	-29	142.1/14.2	192/ -8	047/21:47:56	02:01.2	
		BB4	ISDR 565	564	1	0	0		174.11	40.95		FN0079/25	1			
		F/C D179 REPRO														
22I014/872	09:48:52	SINGLE	197.5/200.0	10	.12	4/3	1	0	REC/UH	16K	-33	144.2/15.2	18/ -9	047/21:57:56	00:05.6	
		SUN	ISDR 18	0	0	4	1		135.19	1.99		FN0079/26	1			
		AM SUN DIODE														
22I015/872	09:53:52	SINGLE	197.5/200.0	10	.12	4/3	1	2	REC/UH	16K	-33	145.3/15.7	19/-10	047/22:02:56	00:05.6	
		SUN	ISDR 24	22	2	0	0		31.03	1.21		FN0079/27	1			
		AM SUN DIODE														
22I016/872	10:43:52	SINGLE	210.0/212.5	10	.12	4/3	1	3	REC/UH	16K	-31	156.6/19.6	29/-15	047/22:52:56	00:05.6	
		SUN	ISDR 21	0	0	1	1		23.78	4.29		FN0079/28	1			
		AM SUN DIODE														
22I017/872	10:48:52	SINGLE	210.0/212.5	10	.12	4/3	1	1	REC/UH	16K	-31	157.8/19.9	30/-15	047/22:57:56	00:05.6	
		SUN	ISDR 24	22	2	0	0		66.21	5.65		FN0079/29	1			
		AM SUN DIODE														
22I018/872	10:58:52	COLOR	280.0/310.0	-10	.12	1/1	1	3	REC/UH	16K	-31	160.2/20.5	32/-16	047/23:07:56	02:41.2	
		BLU	ISDR 250	0	0	1	1		65.81	34.52		FN0079/30	1			
		GRN	ISDR 249	0	0	2	1		74.92	35.14		FN0079/31	1			
		RED	ISDR 249	0	0	2	1		91.80	38.21		FN0079/32	1			
		F/C D068 REPRO														
22I019/872	11:04:52	COLOR	295.0/310.0	-10	.12	1/1	1	2	REC/UH	16K	-31	161.6/20.8	34/-17	047/23:13:56	01:21.2	
		BLU	ISDR 125	0	0	1	1		117.57	45.02		FN0079/33	1			
		GRN	ISDR 124	0	0	2	1		134.21	42.61		FN0079/34	1			
		RED	ISDR 124	0	0	2	1		159.89	37.00		FN0079/35	1			
		SAME AS I018-GAIN=2														
22I020/872	11:08:52	SINGLE	132.5/140.0	-30	.04	0/2	1	2	REC/UH	16K	-29	162.6/21.0	35/-17	047/23:17:56	00:41.2	
		BB2	ISDR 190	189	1	0	0		162.12	46.27		FN0079/36	1			
		F/C D084 REPRO-PILE														
22I021/872	11:13:52	SINGLE	115.0/130.0	-10	.04	5/2	1	3	REC/UH	16K	-29	163.8/21.3	36/-17	047/23:22:56	01:21.2	
		BB4	ISDR 375	0	0	1	1		131.28	48.13		FN0079/37	1			
		F/C E071 REPRO														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22I022/872	11:18:52	SINGLE	135.0/152.5	-30	.12	1/3	1	2	REC/UH	16K	-29	165.0/21.5	37/-18	047/23:27:56	00:32.3	
		BLU	ISDR 146	0	0	1	1		118.76	46.91		FN0079/38	1			
		F/C D150 REPRO														
22I023/872	11:20:52	SINGLE	135.0/152.5	-30	.12	2/3	1	2	REC/UH	16K	-29	165.5/21.6	37/-18	047/23:29:56	00:32.3	
		GRN	ISDR 146	0	0	1	1		140.71	50.22		FN0079/39	1			
		F/C D151 REPRO														
22I024/872	11:22:52	SINGLE	135.0/152.5	-30	.12	3/3	1	3	REC/UH	16K	-29	165.9/21.7	38/-18	047/23:31:56	00:32.3	
		RED	ISDR 146	0	0	1	1		113.81	44.71		FN0079/40	1			
		F/C D152 REPRO														
22I025/872	11:24:52	SINGLE	135.0/152.5	-30	.12	1/3	1	3	REC/UH	16K	-29	166.4/21.7	38/-18	047/23:33:56	00:32.3	
		BLU	ISDR 146	0	0	1	1		65.24	28.82		FN0079/41	1			
		F/C D150 REPRO														
22I026/872	11:26:52	SINGLE	135.0/152.5	-30	.12	2/3	1	3	REC/UH	16K	-29	166.9/21.8	39/-18	047/23:35:56	00:32.3	
		GRN	ISDR 148	147	1	0	0		81.82	34.98		FN0080/01	1			
		F/C D151 REPRO														
22I027/872	11:28:52	SINGLE	135.0/152.5	-30	.12	3/3	1	4	REC/UH	16K	-29	167.4/21.9	39/-18	047/23:37:56	00:32.3	
		RED	ISDR 145	0	0	2	1		79.41	52.82		FN0080/02	1			
		F/C D152 REPRO														
22I028/872	11:33:52	SINGLE	35.0/ 55.0	-10	.04	5/2	1	3	REC/UH	16K	-27	168.6/22.1	40/-19	047/23:42:56	01:47.9	
		BB4	ISDR 497	0	0	4	1		194.25	37.44		FN0080/03	1			
		F/C E091 REPRO														
22I029/872	11:36:52	SINGLE	35.0/ 55.0	-10	.04	5/2	1	4	REC/UH	16K	-27	169.4/22.1	41/-19	047/23:45:56	01:47.9	
		BB4	ISDR 502	501	1	0	0		122.91	22.83		FN0080/04	1			
		F/C E091 REPRO														
21I030/872	11:39:52	SINGLE	210.0/230.0	-30	.12	1/3	1	4	REC/UH	16K	-27	170.1/22.2	218/-19	047/23:48:56	00:36.7	
		BLU	ISDR 169	168	1	0	0		51.95	27.04		FN0080/05	1			
		F/C E113 REPRO														
21I031/872	11:41:52	SINGLE	210.0/230.0	-30	.12	1/3	1	3	REC/UH	16K	-27	170.6/22.3	218/-19	047/23:50:56	00:36.7	
		BLU	ISDR 169	168	1	0	0		87.67	54.82		FN0080/06	1			
		F/C E113 REPRO														
22I032/872	11:48:52	SINGLE	225.0/227.5	10	.12	4/3	1	3	REC/UH	16K	-27	172.3/22.5	44/-20	047/23:57:56	00:05.6	
		SUN	ISDR 23	22	1	0	0		27.70	17.49		FN0080/07	1			
		AM SUN DIODE														
22I033/872	11:53:52	SINGLE	225.0/227.5	10	.12	4/3	1	1	REC/UH	16K	-27	173.6/22.6	45/-20	048/00:02:56	00:05.6	
		SUN	ISDR 25	22	3	0	0		68.60	6.67		FN0080/08	1			
		AM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST	RSCN
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21I034/872	11:58:52	SINGLE	257.5/285.0	-10	.04	5/2	1	3	REC/UH	16K	-25	174.8/22.6	222/-20	048/00:07:56	02:27.9	
		BB4	ISDR 690	689	1	0	0		170.38	42.70		FN0080/09	1			
		F/C D079 REPRO														
21I035/872	12:02:52	SINGLE	257.5/277.5	-10	.04	5/2	1	4	REC/UH	16K	-25	175.8/22.7	223/-20	048/00:11:56	01:47.9	
		BB4	ISDR 501	0	0	0	0		97.38	23.41		FN0080/10	1			
		F/C D079 REPRO														
22I036/872	12:23:52	SINGLE	167.5/227.5	10	.12	1/3	1	5	REC/UH	16K	-27	181.0/22.8	52/-21	048/00:32:56	01:47.9	
		BLU	ISDR 497	0	0	4	1		124.63	65.80		FN0080/11	1			
		NOON-SKY BRIGHTNESS														
22I037/872	12:53:52	SINGLE	240.0/242.5	10	.12	4/3	1	3	REC/UH	16K	-25	188.5/22.4	60/-22	048/01:02:56	00:05.6	
		SUN	ISDR 21	0	0	1	1		29.31	26.16		FN0080/12	1			
		PM SUN DIODE														
22I038/872	13:03:52	SINGLE	242.5/245.0	10	.12	4/3	1	1	REC/UH	16K	-25	190.9/22.1	62/-22	048/01:12:56	00:05.6	
		SUN	ISDR 21	0	0	1	1		68.19	4.47		FN0080/13	1			
		PM SUN DIODE														
22I039/872	13:13:52	SINGLE	115.0/135.0	-30	.12	1/3	1	2	REC/UH	16K	-25	193.4/21.8	65/-22	048/01:22:56	00:36.7	
		BLU	ISDR 166	0	0	2	2		147.63	51.59		FN0080/14	1			
		F/C D139 REPRO														
22I040/872	13:15:52	SINGLE	115.0/135.0	-30	.12	2/3	1	2	REC/UH	16K	-25	193.9/21.7	65/-22	048/01:24:56	00:36.7	
		GRN	ISDR 167	0	0	1	1		158.88	48.76		FN0080/15	1			
		F/C D140 REPRO														
22I041/872	13:17:52	SINGLE	115.0/135.0	-30	.12	3/3	1	3	REC/UH	16K	-25	194.3/21.6	66/-22	048/01:26:56	00:36.7	
		RED	ISDR 167	0	0	1	1		144.86	49.88		FN0080/16	1			
		F/C D141 REPRO														
22I042/872	13:19:52	SINGLE	115.0/135.0	-30	.12	1/3	1	3	REC/UH	16K	-25	194.8/21.5	66/-22	048/01:28:56	00:36.7	
		BLU	ISDR 167	0	0	1	1		81.17	32.62		FN0080/17	1			
		F/C D139 REPRO														
22I043/872	13:21:52	SINGLE	115.0/135.0	-30	.12	2/3	1	3	REC/UH	16K	-25	195.3/21.4	67/-22	048/01:30:56	00:36.7	
		GRN	ISDR 167	0	0	1	1		103.33	40.09		FN0080/18	1			
		F/C D140 REPRO														
22I044/872	13:23:52	SINGLE	115.0/135.0	-30	.12	3/3	1	4	REC/UH	16K	-25	195.8/21.3	67/-22	048/01:32:56	00:36.7	
		RED	ISDR 167	0	0	1	1		83.45	35.82		FN0080/19	1			
		F/C D141 REPRO														
22I045/872	13:33:52	SINGLE	250.0/252.5	10	.12	4/3	1	3	REC/UH	16K	-23	198.2/20.9	70/-22	048/01:42:55	00:05.6	
		SUN	ISDR 21	0	0	1	1		51.50	41.55		FN0080/20	1			
		PM SUN DIODE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST
			DATA TOTAL RECORD LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS		
22I046/872	13:43:52	SINGLE	252.5/255.0	10 .12	4/3	1	1	REC/UH	16K	-23	200.6/20.3	72/-21	048/01:52:55	00:05.6
		SUN	ISDR 21	0 0	1	1		68.72	5.05		FN0080/21	1		
		PM SUN DIODE												
21I047/872	13:57:59	SINGLE	230.0/260.0	-30 .04	0/2	1	3	REC/UH	16K	-25	203.9/19.5	252/-21	048/02:07:02	02:41.2
		BB2	ISDR 746	0 0	5	4		83.88	25.63		FN0080/22	1		
		PILES/ROCKS												
22I048/872	14:43:52	SINGLE	267.5/270.0	10 .12	4/3	1	3	REC/UH	16K	-25	214.3/15.8	87/-19	048/02:52:55	00:05.6
		SUN	ISDR 20	0 0	2	1		26.06	17.16		FN0080/23	1		
		PM SUN DIODE												
22I049/872	14:48:52	SINGLE	267.5/270.0	10 .12	4/3	1	1	REC/UH	16K	-23	215.3/15.3	88/-19	048/02:57:55	00:05.6
		SUN	ISDR 21	0 0	1	1		68.04	2.45		FN0080/24	1		
		PM SUN DIODE												
22I050/872	15:43:52	SINGLE	280.0/282.5	10 .12	4/3	1	3	REC/UH	16K	-25	226.8/ 9.4	100/-14	048/03:52:55	00:05.6
		SUN	ISDR 20	0 0	2	1		24.25	14.44		FN0080/25	1		
		PM SUN DIODE												
22I051/872	15:53:52	SINGLE	282.5/285.0	10 .12	4/3	1	1	REC/UH	16K	-25	228.8/ 8.2	102/-13	048/04:02:55	00:05.6
		SUN	ISDR 21	0 0	1	1		67.63	2.60		FN0080/26	1		
		PM SUN DIODE												
22I052/872	15:59:59	SINGLE	.0/ 2.5	0 .12	8/3	1	4	REC/UH	16K	-27	229.9/ 7.5	104/-12	048/04:09:02	00:05.6
		BB1	ISDR 21	0 0	1	1		63.37	21.14		FN0080/27	1		
		SCAN VERIFICATION												
22I053/872	16:00:05	SINGLE	170.0/170.0	-40	/7			REC/UH	16K	-27	230.0/ 7.5	104/-12	048/04:09:08	00:18.0
		CAL	ISDR 84	0 0	0	0		.00	.00		FN0080/28	1		
		CALIBRATION FRAME												
21I054/872	16:43:52	SINGLE	110.0/112.5	10 .12	4/3	1	2	REC/UH	16K	-27	238.2/ 1.7	288/ -8	048/04:52:55	00:05.6
		SUN	ISDR 20	0 0	2	1		31.01	.25		FN0080/29	1		
		PM SUN DIODE												
21I055/872	16:48:52	SINGLE	110.0/112.5	10 .12	4/3	1	0	REC/UH	16K	-27	239.1/ 1.0	289/ -7	048/04:57:55	00:05.6
		SUN	ISDR 21	0 0	1	1		120.52	2.61		FN0080/30	1		
		PM SUN DIODE												
21I056/873	12:58:58	COLOR	80.0/307.5	-30 .12	1/1	1	3	REC/UH	16K	-19	189.6/22.1	237/-22	049/01:47:37	20:14.4
		BLU	ERR 33	0 0	1864	23		73.57	40.73		FN0080/31	3		
		GRN	ERR 33	0 0	1864	22		86.19	43.87		FN0080/32	3		
		RED	ERR 31	0 0	1866	21		106.90	55.60		FN0080/33	3		
		COLOR ERASE												

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22I057/874	12:29:59	COLOR	300.0/310.0		-20 .12	1/1	1	3	REC/UH	16K	-31	182.3/22.4	54/-21	050/01:58:13	00:54.5	
		BLU	SDR	83	0 0	1	1		66.03	30.09		FN0080/34	1			
		GRN	SDR	83	0 0	1	1		76.91	31.38		FN0080/35	1			
		RED	SDR	82	0 0	2	2		100.01	35.68		FN0080/36	1			
		COLOR FROST SEQ.														
22I058/886	12:30:00	COLOR	300.0/310.0		-20 .12	1/1	1	3	REC/UH	16K	-27	180.6/20.6	52/-19	062/09:53:17	00:54.5	
		BLU	SDR	83	0 0	1	1		58.69	28.62		FN0080/37	1			
		GRN	SDR	83	0 0	1	1		66.44	25.22		FN0080/38	1			
		RED	SDR	83	0 0	1	1		86.45	25.56		FN0080/39	1			
		COLOR FROST SEQ														
22I059/898	12:30:00	COLOR	300.0/310.0		-20 .12	1/1	1	3	REC/UH	16K	-29	178.8/19.1	51/-17	074/17:48:20	00:54.5	
		BLU	SDR	84	0 0	0	0		61.62	30.19		FN0080/40	1			
		GRN	SDR	83	0 0	1	1		69.73	29.63		FN0080/41	1			
		RED	SDR	83	0 0	1	1		86.66	29.16		FN0080/42	1			
		COLOR FROST SEQ														
22I060/910	12:29:59	COLOR	300.0/310.0		-20 .12	1/1	1	3	REC/UH	16K	-29	176.9/18.0	49/-16	087/01:43:23	00:54.5	
		BLU	SDR	84	0 0	0	0		64.62	37.08		FN0081/01	1			
		GRN	SDR	83	0 0	1	1		69.29	33.88		FN0081/02	1			
		RED	SDR	83	0 0	1	1		83.19	33.28		FN0081/03	1			
		COLOR FROST SEQ														
22I061/922	12:30:00	COLOR	300.0/310.0		-20 .12	1/1	1	3	REC/UH	16K	-33	175.0/17.3	47/-15	099/09:38:26	00:54.5	
		BLU	SDR	54	0 0	30	2		63.11	37.76		FN0081/04	1			
		GRN	SDR	54	0 0	30	2		67.78	35.84		FN0081/05	1			
		RED	SDR	54	0 0	30	2		77.24	33.89		FN0081/06	1			
		COLOR FROST SEQ														
22I062/934	12:30:00	COLOR	300.0/310.0		-20 .12	1/1	1	3	REC/UH	16K	-31	173.0/17.1	45/-14	111/17:33:29	00:54.5	
		BLU	SDR	83	0 0	1	1		66.04	41.56		FN0081/07	1			
		GRN	SDR	82	0 0	2	2		71.39	40.17		FN0081/08	1			
		RED	SDR	82	0 0	2	1		81.90	36.78		FN0081/09	1			
		COLOR FROST SEQ														
22I063/946	12:29:59	COLOR	300.0/310.0		-20 .12	1/1	1	3	REC/UH	16K	-29	171.1/17.3	44/-14	124/01:28:32	00:54.5	
		BLU	SDR	83	0 0	1	1		67.57	42.16		FN0081/10	1			
		GRN	SDR	83	0 0	1	1		72.27	39.80		FN0081/11	1			
		RED	SDR	82	0 0	2	1		82.62	37.15		FN0081/12	1			
		COLOR FROST SEQ														
22I064/955	11:07:59	SINGLE	132.5/140.0		-30 .04	0/2	1	2	REC/UH	16K	-31	151.3/13.2	25/ -8	133/06:02:49	00:41.2	
		BB2	SDR	187	0 0	2	1		146.80	43.63		FN0081/13	1			
		PILE														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22I065/955	12:03:59	SINGLE	75.0/100.0	-10	.04	5/2	1	3		16K	-29	163.7/16.7	36/-13	133/06:58:49	02:14.5	
		BB4	SDR	622	0	0	4	3	156.94	48.83		FN0081/14	1			
		F/C D243 REPRO														
22I066/955	12:29:59	COLOR	285.0/310.0	-20	.12	1/1	1	3	REC/UH	16K	-27	169.7/17.7	42/-15	133/07:24:49	02:14.5	
		BLU	SDR	138	0	0	71	3	61.00	42.05		FN0081/15	1			
		GRN	SDR	138	0	0	71	3	65.99	41.34		FN0081/16	1			
		RED	SDR	135	0	0	74	2	74.06	39.97		FN0081/17	1			
		COLOR FROST SEQ														
22I067/955	12:32:59	COLOR	285.0/310.0	-20	.12	1/1	1	4	REC/UH	16K	-27	170.4/17.8	43/-15	133/07:27:49	02:14.5	
		BLU	SDR	209	0	0	0	0	52.32	41.87		FN0081/18	1			
		GRN	SDR	209	0	0	0	0	48.98	41.29		FN0081/19	1			
		RED	SDR	208	0	0	1	1	48.57	33.91		FN0081/20	1			
		COLOR FROST SEQ														
21I068/955	12:43:59	SINGLE	235.0/260.0	-10	.04	5/2	1	4	REC/UH	16K	-25	172.9/18.1	221/-15	133/07:38:49	02:14.5	
		BB4	SDR	627	626	1	0	0	97.59	23.48		FN0081/21	1			
		F/C D248 REPRO														
21I069/955	12:46:59	SINGLE	235.0/260.0	-10	.04	5/2	1	2	REC/UH	16K	-23	173.6/18.1	222/-16	133/07:41:49	02:14.5	
		BB4	SDR	626	626	1	1	1	202.96	28.43		FN0081/22	1			
		F/C D248 REPRO														
21I070/955	12:58:59	SINGLE	210.0/230.0	-30	.12	1/3	1	3	REC/UH	16K	-23	176.4/18.3	225/-16	133/07:53:49	00:36.7	
		BLU	SDR	169	168	1	0	0	92.57	55.54		FN0081/23	1			
		BLU-FROST SEQ														
21I071/955	13:00:59	SINGLE	210.0/230.0	-30	.12	1/3	1	4	REC/UH	16K	-23	176.9/18.3	225/-16	133/07:55:49	00:36.7	
		BLU	SDR	152	0	0	16	1	61.72	42.08		FN0081/24	1			
		BLU-FROST SEQ														
22I072/955	13:28:59	SINGLE	135.0/152.5	-30	.12	1/3	1	2	REC/UH	16K	-25	183.5/18.3	56/-17	133/08:23:49	00:32.3	
		BLU	SDR	123	0	0	24	2	140.98	50.63		FN0081/25	1			
		F/C D253 REPRO														
22I073/955	13:30:59	SINGLE	135.0/152.5	-30	.12	2/3	1	2	REC/UH	16K	-25	183.9/18.3	56/-17	133/08:25:49	00:32.3	
		GRN	SDR	146	0	0	1	1	149.92	47.73		FN0081/26	1			
		F/C D254 REPRO														
22I074/955	13:32:59	SINGLE	135.0/152.5	-30	.12	3/3	1	3	REC/UH	16K	-25	184.4/18.3	56/-17	133/08:27:49	00:32.3	
		RED	SDR	146	0	0	1	1	122.50	52.18		FN0081/27	1			
		F/C D255 REPRO														
22I075/955	13:34:59	SINGLE	135.0/152.5	-30	.12	1/3	1	3	REC/UH	16K	-25	184.9/18.2	57/-17	133/08:29:49	00:32.3	
		BLU	SDR	146	0	0	1	1	108.76	55.19		FN0081/28	1			
		F/C D253 REPRO														

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VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN	MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA-TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS				AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
22I076/955	13:36:59	SINGLE	135.0/152.5	-30	.12	2/3	1	3	REC/UH	16K	-25	185.3/18.2	57/-17	133/08:31:49	00:32.3	
		GRN	SDR 146	0	0	1	1			113.84	54.06		FN0081/29	1			
		F/C D254 REPRO															
22I077/955	13:38:59	SINGLE	135.0/152.5	-30	.12	3/3	1	4	REC/UH	16K	-25	185.8/18.2	58/-17	133/08:33:49	00:32.3	
		RED	SDR 146	0	0	1	1			78.26	41.06		FN0081/30	1			
		F/C D255 REPRO															
21I078/955	13:57:59	SINGLE	240.0/250.0	-30	.04	0/2	1	4	REC/UH	16K	-23	190.2/17.7	238/-17	133/08:52:49	00:54.5	
		BB2	SDR 248	0	0	3	2			44.00	14.44		FN0081/31	1			
		PILES/SPILLS															
21I079/955	13:59:59	SINGLE	240.0/250.0	-30	.04	0/2	1	2	REC/UH	16K	-23	190.7/17.7	239/-17	133/08:54:49	00:54.5	
		BB2	SDR 250	0	0	1	1			152.78	40.60		FN0081/32	1			
		PILES/SPILLS															
21I080/955	14:09:59	SINGLE	.0/ 2.5	0	.12	8/3	1	4	REC/UH	16K	-23	193.0/17.3	241/-17	133/09:04:49	00:05.6	
		BB1	SDR 25	22	3	0	0			108.43	56.16		FN0081/33	1			
		SCAN VERIFICATION															
21I081/955	14:10:05	SINGLE	170.0/170.0	-40		/7				REC/UH	16K	-23	193.0/17.3	241/-17	133/09:04:55	00:18.0	
		CAL	SDR 84	0	0	0	0			.00	.00		FN0081/34	1			
		CALIBRATION FRAME															
22I082/955	14:14:59	SINGLE	.0/ 2.5	0	.12	8/3	1	4	REC/UH	16K	-25	194.1/17.2	66/-17	133/09:09:49	00:05.6	
		BB1	SDR 21	0	0	1	1			61.23	19.77		FN0081/35	1			
		SCAN VERIFICATION															
22I083/955	14:15:05	SINGLE	170.0/170.0	-40		/7				REC/UH	16K	-25	194.2/17.1	66/-17	133/09:09:55	00:18.0	
		CAL	SDR 84	0	0	0	0			.00	.00		FN0081/36	1			
		CALIBRATION															
21I084/957	12:34:58	SINGLE	275.0/282.5	-30	.04	0/2	1	3	REC/UH	16K	-27	170.5/18	219/-15	135/08:48:59	10:41.0	
		BB2	SDR 187	0	0	2	1			127.86	28.95		FN0081/37	1			
		PRE SSCA															
22I085/957	12:37:58	SINGLE	80.0/ 87.5	-30	.04	0/2	1	3	REC/UH	16K	-29	171.2/18.1	44/-15	135/08:51:59	00:41.2	
		BB2	SDR 187	0	0	2	1			147.57	41.07		FN0081/38	1			
		STEREO TO I084															
21I086/958	15:32:00	SINGLE	282.5/287.5	0	.04	8/2	1	3	REC/UH	16K	-25	210.9/12.7	260/-15	136/12:25:35	00:27.9	
		BB1	SDR 125	0	0	1	1			153.26	37.16		FN0081/39	1			
		BACKHOE MAG.															
22I087/958	15:35:00	SINGLE	80.0/ 85.0	0	.04	8/2	1	3	REC/UH	16K	-25	211.5/12.4	84/-15	136/12:28:35	00:27.9	
		BB1	SDR 125	0	0	1	1			187.82	52.32		FN0081/40	1			
		STEREO TO I086															

VIKING PROJECT LIBRARY
VL-2 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
21I088/959	12:34:59	SINGLE	275.0/282.5	-30	.04	0/2	1	3	REC/UH	16K	-25	170.2/18.1	219/-15	137/10:08:09	00:41.2	
		BB2	SDR 187	0	0	2	1		130.68	46.52		FN0081/41	1			
		POST SSCA														
22I089/959	12:37:59	SINGLE	80.0/ 87.5	-30	.04	0/2	1	3	REC/UH	16K	-29	170.9/18.2	43/-15	137/10:11:09	00:41.2	
		BB2	SDR 97	0	0	92	1		128.34	52.60		FN0081/42	1			
		STEREO TO I088														
21I090/959	14:30:31	COLOR	190.0/310.0	-20	.12	1/1	1	2	RT/UH	16K	-31	197.2/16.9	245/-18	137/12:03:42	10:41.0	
		BLU	SDR 736	0	0	265	11		142.00	48.82		FN0081/43	2			
		GRN	SDR 740	0	0	261	10		145.88	47.14		FN0081/44	2			
		RED	SDR 738	0	0	263	8		145.76	46.50		FN0081/45	2			
		RTI - COLOR FROST														
21I091/959	15:03:12	SINGLE	190.0/310.0	-20	.04	13/2	1	3	RT/UH	16K	-31	204.5/15.0	253/-17	137/12:36:23	11:16.0	
		BB3	SDR 3117	3001	168	52	11		124.87	43.71		FN0082/01	5			
		RTI - CONDENSATES														
21I092/959	15:15:08	SINGLE	190.0/310.0	-20	.04	13/2	1	2	RT/UH	16K	-23	207.2/14.2	256/-16	137/12:48:19	11:16.0	
		BB3	SDR 3070	3001	168	99	13		173.53	42.23		FN0082/02	5			
		RTI - CONDENSATES														
21I093/960	14:37:57	COLOR	190.0/310.0	-20	.12	1/1	1	3	RT/UH	16K	-21	198.8/16.7	247/-18	138/12:50:43	12:38.0	
		BLU	SDR 678	1002	112	435	4		101.23	53.18		FN0082/03	2			
		GRN	SDR 678	1002	112	435	6		107.53	54.54		FN0082/04	2			
		RED	SDR 679	1002	112	434	3		126.37	62.30		FN0082/05	2			
		RTI - COLOR FROST														
22I094/960	15:12:35	SINGLE	15.0/165.0	-10	.04	5/2	1	3	REC/UH	16K	-19	206.5/14.5	79/-17	138/13:25:20	13:43.0	
		BB4	SDR 3856	3751	107	2	1		153.79	50.92		FN0082/06	5			
		RTI - CONDENSATES														
22I095/960	15:26:58	SINGLE	15.0/165.0	-10	.04	5/2	1	2	REC/UH	16K	-25	209.6/13.4	82/-16	138/13:39:43	13:43.0	
		BB4	SDR 3547	0	0	204	50		184.54	43.21		FN0082/07	5			

CAMERA EVENTS NOT RECEIVED

VL-2 Camera Events Not Received

VL-2
IMAGES NOT RECEIVED ON EARTH

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22B084/040	09:45:10	SURV	102.5	110.0	-30	.12	1	4	124.1	46.9
22B097/042	09:45:11	SURV	102.5	110.0	-30	.12	1	4	124.4	46.6
21B110/044	09:45:11	SURV	315.0	325.0	-20	.12	1	4	124.8	46.4
21B125/046	09:45:11	SURV	315.0	325.0	-20	.12	1	4	125.2	46.2
21B150/048	09:45:11	SURV	315.0	325.0	-20	.12	1	4	125.5	45.9
21B189/050	09:15:10	SURV	315.0	325.0	-20	.12	1	4	118.0	41.5
21B218/052	15:21:10	SURV	315.0	325.0	-20	.12	1	4	244.5	39.5
21B237/054	15:09:11	SURV	315.0	325.0	-20	.12	1	4	241.4	40.9
22D090/205	14:12:08	CLR	100.0	180.0	-30	.12	1	3	206.9	18.3
22D221/257	10:59:29	CLR	297.5	305.0	-10	.12	1	3	154.1	13.2
22D222/257	11:02:29	SURV	297.5	297.5	-30	.04	1	3	154.7	13.4
21D236/258	06:59:39	BB1	.0	5.0	0	.12	1	4	109.6	-15.0
22E141/354	04:22:16	BB1	.0	5.0	0	.12	1	4	62.9	-39.0
22E217/390	11:33:11	BB3	65.0	70.0	-10	.04	1	3	145.6	30.7
22E218/391	11:33:12	BB3	65.0	70.0	-10	.04	1	3	145.6	30.9
22E223/396	11:33:11	BB3	65.0	70.0	-10	.04	1	3	145.3	32.0
21E228/399	20:09:23	CLR	260.0	285.0	10	.12	1	0	272.7	.0
21F107/439	15:59:59	BB1	.0	5.0	0	.12	1	4	230.7	35.5
21G057/509	18:16:10	SUN	145.0	147.5	30	.04	1	2	273.5	20.2
22G060/512	16:09:03	CLR	135.0	155.0	-30	.12	1	4	249.0	40.8
21G187/558	18:16:24	SUN	152.5	155.0	30	.04	1	3	280.2	21.7
21G188/558	18:59:59	BB3	242.5	260.0	-20	.04	1	4	287.5	14.8
22G189/559	05:36:50	SUN	120.0	122.5	10	.04	1	2	65.5	8.7
21G213/560	13:38:28	CLR	245.0	267.5	-30	.12	1	4	210.1	62.4
21G214/561	12:37:11	BB3	230.0	260.0	-20	.04	1	4	179.5	65.0
21G215/563	18:28:28	SUN	155.0	157.5	30	.04	1	3	282.7	19.9
22G216/564	05:38:53	SUN	120.0	122.5	10	.04	1	2	65.8	9.4
22G244/593	02:02:09	CLR	80.0	80.0	10	.12	1	0	25.0	-13.0
22G245/593	02:28:14	CLR	87.5	87.5	10	.12	1	2	30.5	-11.0
22G246/593	02:54:19	CLR	92.5	92.5	10	.12	1	3	35.9	.0
22G247/593	03:20:24	CLR	97.5	97.5	10	.12	1	4	41.1	.0
22G248/593	03:46:29	CLR	102.5	102.5	10	.12	1	5	46.1	.0
22G255/593	08:48:44	BB1	340.0	340.0	0	.04	1	4	98.9	41.6
22H226/780	08:07:49	!!!	80.0	307.5	-30	.12	1	4	114.1	22.6
21H227/780	08:29:22	BB4	92.5	320.0	-10	.04	1	4	118.7	25.7
22I002/871	04:16:14	!!!	80.0	307.5	-30	.12	1	4	82.9	-32.0
21I003/871	04:37:37	BB4	92.5	320.0	-10	.04	1	4	87.0	-28.0

HIGH-RESOLUTION CAMERA EVENTS IN EVENT ORDER

VL-2 High-Resolution Camera Events in Event Order

VL-2
HIGH-RESOLUTION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22C075/104	15:14:59	BB1	75.0	100.0	-50	.04	1	4	236.9	30.5
21C077/111	06:59:59	BB4	60.0	62.5	-10	.04	1	4	100.7	12.1
21C078/111	07:01:59	BB4	140.0	142.5	0	.04	1	4	101.1	12.4
21C079/111	07:03:59	BB4	247.5	250.0	0	.04	1	4	101.5	12.8
21C080/111	07:05:59	BB3	212.5	215.0	-20	.04	1	4	101.8	13.1
21C081/111	07:07:59	BB1	255.0	257.5	-50	.04	1	4	102.2	13.4
22C082/111	07:09:59	BB4	112.5	115.0	0	.04	1	4	102.6	13.7
22C084/111	08:59:59	BB2	87.5	95.0	-30	.04	1	4	125.6	30.0
22C092/124	17:29:59	BB4	57.5	60.0	-10	.04	1	4	261.3	6.1
22C093/124	17:31:59	BB3	155.0	157.5	-30	.04	1	4	261.6	5.7
21C094/124	17:33:59	BB4	57.5	60.0	-10	.04	1	4	262.0	5.4
22C095/125	08:59:59	BB1	160.0	162.5	-50	.04	1	4	127.8	27.3
21C096/125	09:01:59	BB1	325.0	327.5	-50	.04	1	4	128.3	27.5
22C097/128	08:59:59	BB3	260.0	305.0	-10	.04	1	4	128.3	26.7
21C098/129	08:59:58	BB4	55.0	90.0	0	.04	1	4	128.4	26.4
21C099/130	08:59:59	BB3	127.5	182.5	-10	.04	1	4	128.6	26.2
22C100/131	08:59:59	BB1	37.5	82.5	-50	.04	1	4	128.7	26.0
21C101/131	10:59:59	BB1	225.0	240.0	-40	.04	1	4	160.5	37.4
22C102/131	11:02:29	BB1	12.5	22.5	-20	.04	1	4	161.2	37.5
21C119/132	12:59:59	BB2	210.0	220.0	-30	.04	1	4	197.5	37.5
22C120/141	06:59:59	BB1	160.0	162.5	-50	.04	1	2	105.7	6.7
22C121/141	07:01:59	BB3	190.0	192.5	-30	.04	1	2	106.0	7.0
22C122/141	07:03:59	BB4	212.5	215.0	-10	.04	1	2	106.4	7.3
22C123/141	07:05:59	BB4	322.5	325.0	0	.04	1	2	106.8	7.6
21C124/141	08:59:59	BB2	227.5	262.5	-30	.04	1	3	130.1	23.9
21C125/141	09:09:59	BB4	27.5	57.5	-10	.04	1	3	132.4	25.1
21C137/145	12:59:59	BB2	217.5	222.5	-30	.04	1	3	196.5	34.4
22C138/145	13:19:59	BB2	27.5	35.0	-20	.04	1	3	202.2	33.3
21C139/145	14:14:59	BB2	217.5	222.5	-30	.04	1	3	216.9	28.8
21C141/145	16:19:59	BB3	190.0	215.0	-20	.04	1	2	244.6	13.1
21C148/146	08:59:59	BB4	322.5	335.0	-10	.04	1	3	130.7	22.8
22C149/146	09:04:59	BB3	185.0	217.5	-20	.04	1	3	131.8	23.4
22C150/146	09:09:59	BB4	232.5	260.0	0	.04	1	3	133.0	24.0
21C151/146	11:30:00	BB4	135.0	170.0	0	.04	1	3	170.0	35.0
21C152/146	11:35:00	BB1	182.5	210.0	-50	.04	1	3	171.5	35.1
21C153/146	11:40:00	BB1	275.0	280.0	-50	.04	1	3	172.9	35.2
21C154/146	11:42:00	BB4	132.5	137.5	-10	.04	1	3	173.5	35.3
21C155/146	11:45:00	BB1	307.5	317.5	-50	.04	1	3	174.4	35.3
21C156/146	11:50:00	BB2	310.0	330.0	-40	.04	1	3	175.9	35.4
22C157/146	11:55:00	BB3	12.5	25.0	-20	.04	1	3	177.4	35.4
22C158/146	12:00:00	BB3	265.0	305.0	-20	.04	1	3	178.9	35.4
21C159/146	12:50:00	BB2	222.5	240.0	-30	.04	1	3	193.6	34.6
22C160/146	12:55:00	BB2	35.0	47.5	-20	.04	1	3	195.0	34.4
21C161/146	13:00:00	BB2	217.5	222.5	-30	.04	1	3	196.5	34.1
22C162/146	13:05:00	BB2	27.5	35.0	-20	.04	1	3	197.9	33.9
21C163/154	16:10:20	BB1	282.5	290.0	-30	.04	1	2	241.2	12.8
22C164/155	13:30:00	BB2	142.5	157.5	-30	.04	1	3	203.9	30.4
22C166/158	14:06:24	BB3	80.0	100.0	-20	.04	1	3	212.9	26.9
22C167/158	14:36:24	BB3	80.0	100.0	-20	.04	1	3	220.2	23.9
22C168/158	15:11:24	BB3	80.0	102.5	-20	.04	1	2	228.2	20.0
22C169/158	15:46:24	BB3	80.0	102.5	-20	.04	1	2	235.6	15.5
22C170/158	16:21:24	BB3	80.0	102.5	-20	.04	1	2	242.6	10.5
22C171/158	16:41:24	BB3	80.0	102.5	-20	.04	1	1	246.5	7.6
22C172/158	16:56:24	BB3	80.0	102.5	-20	.04	1	1	249.3	5.3
22C178/159	15:59:59	BB3	145.0	157.5	-30	.04	1	2	238.2	13.4
21C180/159	16:14:59	BB4	57.5	60.0	-10	.04	1	2	241.2	11.3
22C181/159	16:29:59	BB4	57.5	60.0	-10	.04	1	2	244.1	9.1
22C189/160	14:59:59	BB3	175.0	190.0	-20	.04	1	2	225.3	20.9
21C194/161	08:59:59	BB1	242.5	260.0	-50	.04	1	2	132.2	19.4
22C195/161	09:04:59	BB1	85.0	105.0	-50	.04	1	2	133.3	20.0
22C196/161	09:09:59	BB3	80.0	130.0	-30	.04	1	2	134.5	20.6
22C197/161	09:19:59	BB4	25.0	140.0	-10	.04	1	2	136.7	21.8
21C198/161	10:59:59	BB4	100.0	130.0	0	.04	1	3	161.7	30.1
22C199/161	11:27:59	BB3	290.0	297.5	-10	.04	1	3	169.4	31.2
21C200/161	13:09:59	BB2	222.5	240.0	-30	.04	1	3	197.8	30.2
21C201/161	13:14:59	BB2	217.5	222.5	-30	.04	1	3	199.2	29.9
22C202/161	13:19:59	BB2	35.0	47.5	-20	.04	1	3	200.5	29.6
22C203/161	13:24:59	BB2	27.5	35.0	-20	.04	1	3	201.9	29.3
21C204/162	11:00:00	BB4	130.0	177.5	0	.04	1	3	161.7	29.9
21C207/163	09:00:00	BB4	210.0	260.0	-10	.04	1	2	132.4	19.0

VL-2
HIGH-RESOLUTION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
21C208/165	10:59:58	BB4	260.0	305.0	-20	.04	1	3	161.8	29.2
22C210/170	15:00:00	BB2	117.5	132.5	-30	.04	1	2	223.7	19.1
22C211/170	15:03:00	BB2	117.5	132.5	-30	.04	5	2	224.3	18.8
22C212/170	15:06:00	BB2	117.5	132.5	-30	.04	9	2	225.0	18.4
22C213/170	15:09:00	BB2	117.5	132.5	-30	.04	13	2	225.7	18.1
22C214/170	15:12:00	BB2	117.5	132.5	-30	.04	17	2	226.3	17.7
22C217/172	11:23:59	BB3	140.0	160.0	-30	.04	1	2	168.1	28.5
22C218/172	11:26:59	BB3	175.0	190.0	-20	.04	1	2	168.9	28.6
21C219/172	14:44:59	BB2	217.5	222.5	-30	.04	1	3	220.0	20.4
21C221/172	14:46:59	BB2	222.5	240.0	-30	.04	1	3	220.4	20.2
22C222/172	14:50:59	BB2	27.5	35.0	-20	.04	1	3	221.3	19.7
22C223/172	14:52:59	BB2	35.0	47.5	-20	.04	1	3	221.8	19.5
22C253/177	12:08:59	BB3	80.0	127.5	-30	.04	1	3	179.9	28.1
22C254/177	12:14:29	BB2	127.5	162.5	-30	.04	1	3	181.3	28.1
22D004/184	10:59:59	BB4	292.5	312.5	0	.04	1	3	161.5	24.7
21D009/184	13:59:59	BB4	110.0	180.0	0	.04	1	3	207.5	22.3
22D015/186	13:50:00	BB2	102.5	112.5	-30	.04	1	2	204.8	22.7
22D019/188	11:59:59	BB3	80.0	132.5	-30	.04	1	3	176.6	25.7
21D025/190	10:30:00	BB4	215.0	260.0	-10	.04	1	2	153.9	21.5
21D026/190	10:35:00	BB4	260.0	300.0	-20	.04	1	2	155.1	21.9
22D031/190	10:50:31	BB1	85.0	105.0	-50	.04	1	2	158.9	22.9
22D032/190	10:54:00	BB2	25.0	140.0	-10	.04	1	3	159.7	23.1
21D034/192	09:59:59	BB1	245.0	260.0	-50	.04	1	2	146.9	18.7
21D036/193	08:44:58	BB2	155.0	185.0	-20	.04	1	2	130.9	10.4
22D037/193	08:49:58	BB1	292.5	310.0	20	.04	1	2	131.9	11.0
21D039/193	11:29:58	BB4	110.0	180.0	0	.04	1	3	168.5	24.0
22D041/193	13:09:59	BB3	140.0	160.0	-30	.04	1	3	193.9	23.6
22D042/193	13:12:59	BB3	175.0	190.0	-20	.04	1	3	194.7	23.5
21D043/193	15:14:59	BB2	155.0	185.0	-20	.04	1	2	222.8	13.9
22D046/195	13:09:59	BB2	102.5	112.5	-30	.04	1	3	193.6	23.3
21D050/198	11:10:00	BB1	237.5	270.0	-50	.04	1	3	163.2	22.2
22D057/198	11:34:00	BB3	80.0	122.5	-30	.04	1	3	169.1	23.1
22D076/201	12:12:28	BB1	12.5	22.5	-30	.04	1	3	178.4	23.2
21D079/202	12:00:00	BB4	257.5	290.0	-10	.04	1	3	175.2	22.9
22D080/202	12:34:58	BB1	127.5	135.0	0	.04	1	3	183.9	23.0
22D081/202	12:36:58	BB1	127.5	135.0	0	.04	1	2	184.4	22.9
22D082/203	10:56:54	BB1	127.5	135.0	0	.04	1	3	159.7	20.5
22D083/203	10:58:54	BB1	127.5	135.0	0	.04	1	2	160.2	20.6
22D084/203	11:16:29	BB2	132.5	140.0	-30	.04	1	2	164.4	21.5
21D094/207	11:02:18	BB4	110.0	195.0	0	.04	1	3	160.7	20.0
22D113/214	11:00:00	BB4	35.0	55.0	-10	.04	1	2	159.5	18.6
22D114/214	11:04:00	BB4	55.0	75.0	-10	.04	1	2	160.5	18.8
22D115/214	11:08:00	BB4	77.5	100.0	-10	.04	1	2	161.4	19.0
21D124/215	11:12:59	BB4	235.0	257.5	-10	.04	1	2	162.5	19.1
21D125/215	11:16:59	BB4	260.0	280.0	-20	.04	1	2	163.4	19.3
21D126/215	11:20:59	BB4	280.0	300.0	-20	.04	1	2	164.3	19.5
22D130/216	12:09:59	BB2	27.5	35.0	-20	.04	1	3	176.0	20.7
22D131/216	12:12:59	BB2	90.0	100.0	-40	.04	1	3	176.7	20.7
21D142/219	08:45:00	BB2	220.0	230.0	-30	.04	1	1	130.7	5.1
21D143/219	08:47:30	BB2	220.0	230.0	-30	.04	3	1	131.2	5.4
21D144/219	08:50:00	BB2	220.0	230.0	-30	.04	5	1	131.7	5.7
21D145/219	08:52:30	BB2	220.0	230.0	-30	.04	7	1	132.2	6.0
22D146/219	11:09:59	BB1	285.0	295.0	-20	.04	1	1	161.3	18.3
22D147/219	11:12:29	BB1	285.0	295.0	-20	.04	1	2	161.9	18.4
22D163/221	12:04:58	BB4	75.0	100.0	-10	.04	1	2	174.1	19.9
21D165/221	12:14:58	BB1	247.5	260.0	-50	.04	1	2	176.5	20.0
22D167/221	12:34:58	BB4	110.0	130.0	-10	.04	1	2	181.3	20.1
21D168/221	12:44:58	BB4	235.0	257.5	-10	.04	1	2	183.7	20.0
21D176/221	14:29:58	BB4	212.5	235.0	-10	.04	1	2	208.0	15.3
21D179/233	10:06:53	BB4	235.0	260.0	-10	.04	1	2	146.1	11.5
22D187/233	12:44:58	BB4	55.0	75.0	-10	.04	1	2	181.8	18.7
21D188/233	13:14:58	BB2	220.0	235.0	-30	.04	1	2	188.8	18.3
21D190/233	13:44:58	BB4	260.0	280.0	-20	.04	1	2	195.8	17.2
22D191/233	13:59:58	BB4	35.0	55.0	-10	.04	1	2	199.2	16.5
21D195/233	14:44:58	BB4	280.0	300.0	-20	.04	1	2	209.1	13.5
22D199/245	10:03:12	BB4	35.0	55.0	-10	.04	1	2	143.9	9.6
22D203/245	12:04:29	BB4	75.0	100.0	-10	.04	1	3	170.4	17.3
21D205/245	12:14:29	BB1	247.5	260.0	-50	.04	1	2	172.7	17.5
22D207/245	12:34:29	BB4	110.0	130.0	-10	.04	1	3	177.4	17.8
21D208/245	12:44:29	BB4	235.0	257.5	-10	.04	1	3	179.7	17.8

VL-2
HIGH-RESOLUTION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
21D216/245	14:29:28	BB4	212.5	235.0	-10	.04	1	3	203.6	14.3
21D219/257	09:18:13	BB4	235.0	260.0	-10	.04	1	3	133.7	3.4
22D227/257	12:44:29	BB4	55.0	75.0	-10	.04	1	3	177.7	17.4
21D228/257	13:14:29	BB2	220.0	235.0	-30	.04	1	3	184.6	17.3
21D230/257	13:44:29	BB4	260.0	280.0	-20	.04	1	3	191.5	16.6
22D231/257	13:59:29	BB4	35.0	55.0	-10	.04	1	3	194.9	16.0
21D235/257	14:44:29	BB4	280.0	300.0	-20	.04	1	2	204.9	13.5
22D239/269	09:22:51	BB4	35.0	55.0	-10	.04	1	1	133.0	3.0
22D243/269	12:04:01	BB4	75.0	100.0	-10	.04	1	3	166.4	16.3
21D245/269	12:14:01	BB1	247.5	260.0	-50	.04	1	2	168.7	16.7
22D247/269	12:34:01	BB4	110.0	130.0	-10	.04	1	3	173.3	17.2
21D248/269	12:44:01	BB4	235.0	257.5	-10	.04	1	3	175.6	17.3
21E000/269	14:29:01	BB4	212.5	235.0	-10	.04	1	3	199.6	15.1
21E003/281	08:34:57	BB4	235.0	260.0	-10	.04	1	0	122.6	-3.8
22E011/281	12:44:01	BB4	55.0	75.0	-10	.04	1	3	173.7	17.7
21E012/281	13:14:01	BB2	220.0	235.0	-30	.04	1	3	180.7	18.0
21E014/281	13:44:01	BB4	260.0	280.0	-20	.04	1	3	187.7	17.6
22E015/281	13:59:01	BB4	35.0	55.0	-10	.04	1	3	191.2	17.2
21E019/281	14:44:01	BB4	280.0	300.0	-20	.04	1	2	201.3	15.2
22E023/293	08:34:04	BB4	35.0	55.0	-10	.04	1	0	120.6	-4.1
22E027/293	12:04:02	BB4	75.0	100.0	-10	.04	1	3	162.7	17.1
21E029/293	12:14:02	BB1	247.5	260.0	-50	.04	1	2	165.0	17.6
22E031/293	12:34:02	BB4	110.0	130.0	-10	.04	1	3	169.6	18.3
21E032/293	12:44:02	BB4	235.0	257.5	-10	.04	1	3	172.0	18.6
21E040/293	14:29:01	BB4	212.5	235.0	-10	.04	1	3	196.6	17.3
22E051/305	12:44:02	BB4	55.0	75.0	-10	.04	1	2	170.3	19.8
21E052/305	13:14:02	BB2	220.0	235.0	-30	.04	1	2	177.5	20.3
21E054/305	13:44:02	BB4	260.0	280.0	-20	.04	1	2	184.8	20.2
22E055/305	13:59:02	BB4	35.0	55.0	-10	.04	1	2	188.4	19.9
21E059/305	14:44:02	BB4	280.0	300.0	-20	.04	1	3	198.9	18.2
22E067/317	12:04:02	BB4	75.0	100.0	-10	.04	1	2	159.4	19.5
21E069/317	12:14:02	BB1	247.5	260.0	-50	.04	1	2	161.7	20.1
22E071/317	12:34:02	BB4	110.0	130.0	-10	.04	1	3	166.5	21.0
21E072/317	12:44:02	BB4	235.0	257.5	-10	.04	1	2	168.9	21.3
21E080/317	14:29:02	BB4	212.5	235.0	-10	.04	1	2	194.6	20.8
22E091/329	12:44:03	BB4	55.0	75.0	-10	.04	1	3	284.1	14.2
21E094/329	13:44:03	BB4	260.0	280.0	-20	.04	1	3	294.4	5.0
22E095/329	13:59:03	BB4	35.0	55.0	-10	.04	1	3	297.1	2.8
21E099/329	14:44:03	BB4	280.0	300.0	-20	.04	1	3	305.2	.0
22E111/341	12:34:03	BB4	110.0	130.0	-10	.04	1	3	281.6	14.3
21E112/341	12:44:03	BB4	235.0	257.5	-10	.04	1	3	283.3	12.7
21E120/341	14:29:03	BB4	212.5	235.0	-10	.04	1	3	194.0	25.2
22E131/353	12:44:04	BB4	55.0	75.0	-10	.04	1	3	166.0	27.5
21E134/353	13:44:03	BB4	260.0	280.0	-20	.04	1	3	182.1	28.6
22E135/353	13:59:03	BB4	35.0	55.0	-10	.04	1	3	186.1	28.4
21E139/353	14:44:03	BB4	280.0	300.0	-20	.04	1	3	198.0	26.9
22E151/365	12:34:04	BB4	110.0	130.0	-10	.04	1	3	162.8	29.6
21E152/365	12:44:04	BB4	235.0	257.5	-10	.04	1	3	165.5	30.0
21E160/365	14:29:04	BB4	212.5	235.0	-10	.04	1	3	194.6	30.0
22E175/378	11:07:10	BB4	60.0	97.5	-10	.04	1	4	139.8	25.5
22E206/388	14:12:29	BB1	17.5	25.0	-20	.04	1	4	191.6	35.4
22E207/388	14:41:23	BB2	132.5	140.0	-30	.04	1	4	200.0	34.2
22E221/395	12:28:28	BB3	12.5	25.0	-20	.04	1	4	160.8	35.9
22E225/397	10:29:59	BB1	145.0	165.0	-50	.04	1	3	129.7	25.2
21E227/398	10:26:59	BB3	127.5	185.0	-10	.04	1	4	128.9	25.1
21E231/401	12:22:58	BB1	215.0	240.0	-40	.04	1	4	159.2	36.9
22E233/405	10:23:59	BB3	260.0	305.0	-10	.04	1	4	127.7	26.2
21E236/405	14:58:17	BB2	265.0	275.0	-30	.04	1	4	207.1	36.4
21E237/405	15:54:39	BB2	265.0	275.0	-30	.04	1	4	222.4	31.1
22E251/406	11:44:15	BB3	80.0	92.5	-10	.04	1	4	148.0	35.2
21E253/406	15:23:43	BB2	240.0	245.0	-30	.04	1	4	214.4	34.4
22F000/408	10:13:59	BB1	115.0	145.0	-50	.04	1	4	125.3	25.6
21F009/409	11:33:58	BB3	247.5	275.0	-10	.04	1	4	145.1	35.0
21F017/412	18:59:07	BB1	180.0	300.0	-40	.04	1	3	262.5	5.7
22F021/414	12:00:00	BB3	27.5	90.0	-10	.04	1	4	152.5	38.3
21F022/414	12:08:26	BB3	210.0	275.0	-10	.04	1	4	155.0	38.9
21F023/414	12:16:45	BB2	205.0	275.0	-30	.04	1	4	157.5	39.5
21F032/414	17:03:40	BB3	150.0	330.0	-20	.04	1	4	240.3	23.7
22F033/414	17:20:20	BB3	15.0	195.0	-20	.04	1	4	243.8	21.3
22F034/414	18:19:29	BB1	67.5	162.5	-40	.04	1	3	255.6	12.2

VL-2
HIGH-RESOLUTION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
21F040/415	12:09:59	BB1	220.0	272.5	-50	.04	1	3	155.5	39.3
22F044/417	09:24:59	BB1	95.0	115.0	-50	.04	1	4	114.0	20.6
21F046/417	10:53:16	BB2	230.0	240.0	-30	.04	1	4	134.1	32.5
22F047/417	10:55:06	BB3	40.0	50.0	-30	.04	1	4	134.6	32.7
21F048/417	12:35:59	BB2	230.0	240.0	-30	.04	1	4	163.6	41.2
22F049/417	12:37:59	BB3	40.0	50.0	-30	.04	1	4	164.2	41.3
21F050/417	12:39:59	BB2	265.0	275.0	-30	.04	1	4	164.9	41.4
21F051/417	14:54:56	BB4	30.0	332.5	0	.04	1	4	208.2	38.8
22F052/417	15:22:29	BB4	15.0	237.5	0	.04	1	4	216.1	36.5
22F087/427	10:16:28	BB2	87.5	95.0	-30	.04	1	4	124.6	30.1
21F089/429	08:24:58	BB1	255.0	257.5	-50	.04	1	3	101.3	13.8
21F110/442	14:02:00	BB2	230.0	240.0	-30	.04	1	4	195.7	46.6
22F113/443	13:59:59	BB3	40.0	50.0	-30	.04	1	4	195.1	46.9
21F114/443	14:01:59	BB2	230.0	240.0	-30	.04	1	4	195.8	46.8
21F124/446	11:24:54	BB2	280.0	310.0	-30	.04	1	4	142.1	42.4
22F125/446	11:29:54	BB2	85.0	162.5	-30	.04	1	4	143.6	42.9
21F126/446	15:29:55	BB2	215.0	222.5	-30	.04	1	4	224.2	40.1
22F134/447	19:10:47	BB1	55.0	162.5	-50	.04	1	1	271.7	7.3
21F146/450	17:09:43	BB1	210.0	272.5	-50	.04	1	3	249.2	26.9
22F152/452	09:29:59	BB1	60.0	97.5	-50	.04	1	3	112.7	28.8
21F154/452	10:59:59	BB4	277.5	312.5	-10	.04	1	4	134.8	41.0
21F159/454	14:07:18	BB1	180.0	287.5	-40	.04	1	4	199.8	48.5
22F162/455	12:07:59	BB2	90.0	97.5	-30	.04	1	4	156.1	48.0
22F163/455	15:24:00	BB1	142.5	165.0	-50	.04	1	3	224.6	41.9
21F178/468	09:04:59	BB1	242.5	250.0	-40	.04	1	4	106.5	28.2
21F182/471	12:07:59	BB1	202.5	210.0	-40	.04	1	4	157.0	51.2
21F183/471	12:21:59	BB1	200.0	210.0	-40	.04	1	4	162.3	52.0
21F186/473	09:25:59	BB1	250.0	262.5	-50	.04	1	3	110.7	32.4
22F189/474	18:19:08	BB3	60.0	87.5	-10	.04	1	3	267.7	17.8
21F194/476	15:12:59	BB1	205.0	220.0	-40	.04	1	4	226.3	45.7
21F196/478	10:02:59	BB4	262.5	272.5	-10	.04	1	4	118.9	38.9
22F206/479	10:11:00	BB2	135.0	145.0	-30	.04	1	4	120.9	40.2
22F207/479	10:44:00	BB1	85.0	90.0	-10	.04	1	4	129.7	44.6
22F208/479	10:49:00	BB1	85.0	90.0	-10	.04	1	4	131.1	45.2
21F209/479	10:56:00	BB2	320.0	332.5	-30	.04	1	4	133.2	46.1
21F210/479	11:06:00	BB1	282.5	290.0	-30	.04	1	3	136.2	47.2
21F211/479	11:11:00	BB1	282.5	290.0	-30	.04	1	3	137.7	47.8
22F212/479	11:20:00	BB3	290.0	295.0	-20	.04	1	4	140.6	48.7
22F213/479	11:32:00	BB2	135.0	145.0	-30	.04	1	4	144.6	49.9
21F218/480	10:39:59	BB2	290.0	300.0	-30	.04	1	4	128.5	44.3
22F219/480	10:41:59	BB2	90.0	100.0	-40	.04	1	4	129.1	44.5
22F236/482	11:57:59	BB2	102.5	137.5	-30	.04	1	4	153.9	52.7
21F237/482	16:30:00	BB2	240.0	245.0	-30	.04	1	4	247.5	35.7
21F238/482	17:12:00	BB2	290.0	302.5	-30	.04	1	3	256.5	29.2
21F241/483	13:00:00	BB1	200.0	210.0	-40	.04	1	4	178.9	55.2
22F242/484	17:49:03	BB3	37.5	87.5	-10	.04	1	3	264.1	23.3
21F243/484	17:54:11	BB3	220.0	270.0	-10	.04	1	3	265.0	22.5
21F248/486	18:13:59	BB2	262.5	290.0	-30	.04	1	4	269.1	19.4
22F249/486	18:18:42	BB2	77.5	95.0	-30	.04	1	4	269.9	18.6
22G010/489	14:19:39	BB1	85.0	165.0	-50	.04	1	3	211.9	52.7
21G011/489	15:07:00	BB2	200.0	280.0	-40	.04	1	4	227.6	47.7
22G012/491	07:50:59	BB4	115.0	127.5	-10	.04	1	3	91.0	20.6
22G034/502	09:45:00	BB1	285.0	290.0	-20	.04	1	4	113.6	40.6
22G035/502	12:09:30	BB1	17.5	25.0	-20	.04	1	4	159.8	57.0
22G036/502	12:23:00	BB1	130.0	165.0	-50	.04	1	4	165.5	57.6
22G037/502	12:35:30	BB2	105.0	112.5	-30	.04	1	4	171.0	58.0
22G038/502	12:44:00	BB1	100.0	105.0	0	.04	1	4	174.7	58.2
22G039/502	13:01:00	BB1	70.0	92.5	-50	.04	1	4	182.3	58.3
21G040/502	13:10:30	BB3	240.0	280.0	-30	.04	1	4	186.5	58.1
22G041/502	13:27:30	BB3	40.0	50.0	-30	.04	1	4	193.9	57.7
22G042/502	13:35:00	BB1	100.0	105.0	0	.04	1	4	197.1	57.3
22G043/502	13:48:00	BB1	100.0	105.0	0	.04	1	4	202.6	56.6
21G046/503	07:38:45	BB3	142.5	215.0	-10	.04	1	4	88.2	20.6
22G047/503	12:26:29	BB3	172.5	187.5	-30	.04	1	4	167.2	57.9
22G048/503	12:29:29	BB3	115.0	157.5	-30	.04	1	4	168.5	58.0
21G049/503	12:34:59	BB1	212.5	242.5	-40	.04	1	4	170.9	58.2
22G052/508	13:10:59	BB3	50.0	95.0	-10	.04	1	4	187.8	59.0
21G053/508	18:54:12	BB3	255.0	307.5	-10	.04	1	2	280.0	14.0
21G054/508	19:19:06	BB3	187.5	257.5	-10	.04	1	2	284.3	10.1
21G056/509	07:26:59	BB4	240.0	255.0	-10	.04	1	4	85.8	19.6

VL-2
HIGH-RESOLUTION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
21G061/512	16:24:57	BB2	215.0	245.0	-30	.04	1	4	252.6	38.3
21G064/515	12:38:39	BB4	95.0	137.5	0	.04	1	4	174.1	60.0
21G067/517	07:13:29	BB4	252.5	290.0	-10	.04	1	4	83.1	18.7
22G068/517	07:18:14	BB4	60.0	117.5	-10	.04	1	4	83.9	19.4
21G069/517	07:24:29	BB4	110.0	142.5	0	.04	1	4	85.0	20.5
21G070/517	12:27:59	BB1	180.0	215.0	-40	.04	1	4	169.4	60.1
22G071/517	12:32:59	BB4	265.0	327.5	0	.04	1	4	171.7	60.2
22G072/517	13:09:59	BB3	35.0	52.5	-10	.04	1	4	189.0	60.2
21G075/518	07:17:00	BB1	177.5	205.0	-50	.04	1	4	83.7	19.4
22G076/518	18:51:29	BB3	72.5	130.0	-10	.04	1	2	281.1	14.9
21G078/520	12:34:29	BB4	180.0	250.0	0	.04	1	4	172.8	60.6
21G079/520	12:41:59	BB3	152.5	260.0	-20	.04	1	4	176.3	60.8
22G085/521	12:35:59	BB4	95.0	165.0	-10	.04	1	4	173.6	60.8
21G087/522	10:12:30	BB2	215.0	222.5	-30	.04	1	4	119.7	47.7
22G088/522	12:41:00	BB4	162.5	215.0	-10	.04	1	4	176.1	61.0
21G089/522	18:01:29	BB3	260.0	285.0	-20	.04	1	4	273.0	23.2
21G092/523	07:41:29	BB4	142.5	242.5	0	.04	1	4	87.7	24.1
21G093/523	17:53:59	BB2	240.0	245.0	-30	.04	1	3	271.8	24.4
21G094/523	18:01:29	BB4	282.5	302.5	-10	.04	1	4	273.2	23.2
21G095/524	10:44:59	BB2	235.0	245.0	-30	.04	1	4	129.2	52.4
21G096/524	14:20:22	BB3	275.0	332.5	-10	.04	1	4	220.1	56.0
21G097/524	17:54:29	BB4	302.5	335.0	-10	.04	1	4	272.1	24.4
22G098/524	17:58:59	BB4	107.5	182.5	-10	.04	1	4	272.9	23.7
22G099/524	18:06:59	BB3	12.5	52.5	-20	.04	1	4	274.3	22.4
21G100/524	18:13:59	BB3	125.0	147.5	-10	.04	1	4	275.5	21.2
22G101/524	18:17:29	BB4	67.5	107.5	-10	.04	1	4	276.1	20.7
21G102/524	18:23:49	BB4	260.0	282.5	-10	.04	1	4	277.2	19.6
22G109/526	18:22:59	BB2	137.5	157.5	-30	.04	1	4	277.4	19.8
22G112/534	13:19:00	BB3	290.0	295.0	-20	.04	1	3	196.3	61.7
21G113/536	09:07:20	BB2	235.0	245.0	-30	.04	1	4	103.7	39.7
22G115/537	10:01:59	BB3	10.0	50.0	-10	.04	1	4	116.5	48.2
21G122/537	17:50:59	BB3	217.5	260.0	-10	.04	1	4	273.3	25.4
22G123/537	17:57:59	BB4	305.0	315.0	0	.04	1	4	274.6	24.2
21G127/540	16:22:59	BB2	185.0	232.5	-30	.04	1	4	257.0	39.7
22G131/542	20:14:52	BB4	95.0	190.0	-10	.04	1	3	298.6	3.2
21G132/543	12:55:00	BB3	245.0	282.5	-30	.04	1	4	186.2	63.3
21G133/543	17:50:13	BB2	275.0	302.5	-30	.04	1	4	274.0	25.7
21G136/545	17:11:29	BB2	235.0	245.0	-30	.04	1	4	267.3	32.0
22G137/545	17:44:15	BB4	260.0	332.5	0	.04	1	4	273.2	25.7
21G138/545	18:12:44	BB4	80.0	150.0	0	.04	1	4	278.1	22.1
21G139/546	18:06:20	BB3	270.0	297.5	-20	.04	1	4	277.2	23.1
21G153/553	17:17:59	BB1	182.5	255.0	-50	.04	1	4	269.5	31.1
22G154/553	17:42:59	BB3	60.0	105.0	-10	.04	1	4	274.0	27.1
21G155/553	17:47:59	BB2	232.5	275.0	-30	.04	1	4	274.8	26.2
22G159/554	11:50:00	BB2	105.0	110.0	-30	.04	1	4	154.9	62.7
22G161/555	07:06:44	BB1	115.0	125.0	-40	.04	1	3	80.7	22.3
22G162/555	07:11:13	BB1	117.5	127.5	-40	.04	1	3	81.5	23.0
22G163/555	07:15:42	BB1	117.5	130.0	-40	.04	1	3	82.2	23.7
22G164/555	07:20:11	BB1	120.0	132.5	-50	.04	1	3	83.0	24.5
22G165/555	07:24:45	BB1	120.0	132.5	-50	.04	1	3	83.8	25.2
22G166/555	07:29:19	BB1	120.0	132.5	-50	.04	1	3	84.6	25.9
22G167/555	07:33:53	BB1	120.0	132.5	-50	.04	1	3	85.3	26.7
21G168/555	16:04:59	BB2	235.0	245.0	-30	.04	1	4	255.4	43.0
22G170/556	11:49:59	BB2	105.0	110.0	-30	.04	1	4	155.0	62.9
21G175/557	12:30:59	BB3	245.0	260.0	-20	.04	1	4	175.7	64.7
22G179/557	17:44:59	BB2	80.0	127.5	-30	.04	1	4	274.8	26.8
21G200/559	17:54:59	BB2	255.0	270.0	-30	.04	1	4	276.7	25.2
22G201/559	17:59:59	BB2	117.5	127.5	-30	.04	1	4	277.5	24.4
21G211/560	07:59:59	BB2	255.0	270.0	-30	.04	1	4	89.8	31.4
21G212/560	12:30:14	BB3	242.5	260.0	-20	.04	1	4	175.7	64.9
21G217/564	10:09:09	BB2	255.0	262.5	-30	.04	1	4	117.9	52.1
21G222/573	12:34:19	BB3	230.0	260.0	-20	.04	1	4	179.4	65.8
21G230/583	12:24:29	BB3	242.5	260.0	-20	.04	1	4	175.1	66.2
21G231/583	18:48:00	BB3	242.5	260.0	-20	.04	1	4	287.6	16.9
22G235/589	18:26:44	BB4	125.0	190.0	-10	.04	1	4	284.4	20.2
22G237/590	12:08:30	BB3	100.0	160.0	-30	.04	1	4	167.0	66.1
22G238/590	12:44:00	BB3	50.0	97.5	-10	.04	1	4	186.6	66.4
21G243/592	18:44:59	BB3	242.5	260.0	-20	.04	1	4	287.6	17.3
21G250/593	07:18:59	BB3	142.5	175.0	-10	.04	1	4	82.5	27.0
22H008/593	11:14:58	BB2	80.0	90.0	-30	.04	1	4	141.1	62.4

VL-2
HIGH-RESOLUTION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
21H009/593	11:16:58	BB2	272.5	282.5	-30	.04	1	4	142.0	62.6
21H010/593	12:22:58	BB3	242.5	275.0	-20	.04	1	4	175.2	66.6
21H013/594	16:55:00	BB2	240.0	245.0	-30	.04	1	4	268.9	35.0
22H014/594	17:00:30	BB2	97.5	107.5	-30	.04	1	4	269.9	34.1
22H018/595	10:39:32	BB2	80.0	87.5	-30	.04	1	4	127.7	58.3
22H019/595	10:48:59	BB1	150.0	155.0	0	.04	1	4	131.0	59.5
22H020/595	11:04:39	BB1	150.0	155.0	0	.04	1	4	137.0	61.4
22H021/595	11:14:59	BB2	80.0	90.0	-30	.04	1	4	141.2	62.5
21H022/595	11:16:59	BB2	272.5	282.5	-30	.04	1	4	142.1	62.7
22H025/595	12:08:59	BB3	115.0	172.5	-30	.04	1	4	167.7	66.3
22H028/595	15:59:59	BB2	135.0	145.0	-30	.04	1	4	258.2	43.9
22H029/595	16:51:14	BB3	40.0	50.0	-30	.04	1	4	268.3	35.6
22H030/595	17:00:29	BB2	97.5	107.5	-30	.04	1	4	270.0	34.1
21H031/595	17:02:29	BB2	290.0	300.0	-30	.04	1	4	270.3	33.8
21H032/595	17:13:59	BB2	230.0	235.0	-20	.04	1	4	272.4	31.9
22H033/595	17:54:59	BB2	97.5	107.5	-30	.04	1	4	279.4	25.2
21H034/595	17:56:59	BB2	290.0	300.0	-30	.04	1	4	279.8	24.9
22H037/597	11:54:59	BB2	95.0	102.5	-30	.04	1	4	160.4	65.7
21H038/597	12:27:48	BB3	212.5	260.0	-20	.04	1	4	178.3	66.7
22H039/597	15:59:58	BB2	135.0	145.0	-30	.04	1	4	258.3	43.9
22H043/600	12:40:59	BB3	55.0	75.0	-10	.04	1	4	186.0	66.7
22H046/604	12:08:59	BB3	120.0	140.0	-30	.04	1	4	168.5	66.5
21H049/608	12:28:34	BB3	237.5	260.0	-20	.04	1	4	179.8	66.9
22H052/612	12:40:29	BB3	55.0	75.0	-10	.04	1	4	186.8	66.7
22H056/616	12:06:59	BB3	120.0	140.0	-30	.04	1	4	168.4	66.5
21H060/620	12:26:34	BB3	237.5	260.0	-20	.04	1	4	179.7	66.7
22H061/623	12:39:47	BB3	55.0	75.0	-10	.04	1	4	187.3	66.5
22H066/626	17:07:39	BB3	60.0	110.0	-10	.04	1	4	272.1	32.1
22H069/627	07:09:59	BB3	117.5	127.5	-30	.04	1	4	81.9	26.4
22H086/629	17:59:59	BB3	32.5	50.0	-10	.04	1	4	281.0	23.4
22H090/630	12:56:00	BB2	80.0	90.0	-30	.04	1	4	196.6	65.8
22H095/631	12:03:00	BB3	115.0	155.0	-30	.04	1	4	167.6	66.0
21H096/631	12:22:50	BB3	212.5	257.5	-20	.04	1	4	178.5	66.4
22H097/631	13:21:25	BB3	50.0	110.0	-10	.04	1	4	209.4	64.1
22H098/631	13:28:00	BB3	32.5	50.0	-10	.04	1	4	212.5	63.5
21H104/639	11:59:59	BB3	217.5	262.5	-20	.04	1	4	166.8	65.7
22H108/646	11:59:59	BB3	40.0	75.0	-10	.04	1	4	167.5	65.3
22H113/659	12:00:00	BB3	102.5	155.0	-30	.04	1	4	168.8	64.4
21H122/667	10:59:59	BB2	277.5	287.5	-30	.04	1	4	142.0	59.7
22H123/667	11:04:59	BB2	85.0	95.0	-30	.04	1	4	144.0	60.2
21H125/667	16:00:00	BB3	220.0	275.0	-10	.04	1	4	257.9	40.3
21H129/669	11:51:09	BB2	212.5	237.5	-30	.04	1	4	165.4	63.3
21H134/676	11:59:59	BB3	217.5	262.5	-20	.04	1	4	170.5	62.9
21H138/683	11:59:59	BB3	220.0	255.0	-10	.04	1	4	171.2	62.1
22H143/696	11:59:59	BB3	102.5	155.0	-30	.04	1	4	172.5	60.4
21H153/704	10:59:59	BB2	277.5	287.5	-30	.04	1	4	147.8	55.9
22H154/704	11:04:59	BB2	85.0	95.0	-30	.04	1	4	149.8	56.4
22H156/704	15:59:59	BB3	40.0	95.0	-10	.04	1	4	255.0	36.1
21H159/706	09:52:25	BB3	135.0	192.5	-10	.04	1	4	125.6	48.1
21H165/713	11:59:58	BB3	217.5	262.5	-20	.04	1	4	174.1	57.8
22H169/720	11:59:59	BB3	40.0	75.0	-10	.04	1	4	174.8	56.6
22H174/733	11:59:58	BB3	102.5	155.0	-30	.04	1	4	175.9	54.2
21H178/738	11:52:16	BB2	237.5	292.5	-30	.04	1	4	173.2	53.1
21H185/741	10:59:58	BB2	277.5	287.5	-30	.04	1	4	153.8	50.1
22H186/741	11:04:58	BB2	85.0	95.0	-30	.04	1	4	155.6	50.4
21H188/741	15:59:58	BB3	220.0	275.0	-10	.04	1	4	250.9	30.1
22H191/743	08:08:15	BB4	10.0	330.0	-10	.04	1	4	107.5	28.4
22H192/743	08:37:20	BB2	57.5	170.0	-30	.04	1	4	113.7	32.9
21H197/750	11:59:59	BB3	217.5	262.5	-20	.04	1	4	177.2	50.7
21H201/757	11:59:59	BB3	220.0	255.0	-10	.04	1	4	177.6	49.2
22H206/770	11:59:59	BB3	102.5	155.0	-30	.04	1	4	178.3	46.3
21H211/775	10:17:14	BB4	205.0	305.0	-10	.04	1	4	145.1	39.8
21H218/778	10:59:59	BB2	277.5	287.5	-30	.04	1	4	158.6	42.5
22H219/778	11:04:59	BB2	85.0	95.0	-30	.04	1	4	160.2	42.7
22H222/779	15:59:38	BB3	40.0	95.0	-10	.04	1	4	245.9	22.8
21H234/801	13:57:59	BB2	240.0	250.0	-30	.04	1	4	214.0	33.3
21H250/845	13:57:58	BB2	240.0	250.0	-30	.04	1	4	208.2	23.9
21I013/872	09:38:52	BB4	235.0	257.5	-10	.04	1	2	142.1	14.2
22I020/872	11:08:52	BB2	132.5	140.0	-30	.04	1	2	162.6	21.0
22I021/872	11:13:52	BB4	115.0	130.0	-10	.04	1	3	163.8	21.3

VL-2
HIGH-RESOLUTION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22I028/872	11:33:52	BB4	35.0	55.0	-10	.04	1	3	168.6	22.1
22I029/872	11:36:52	BB4	35.0	55.0	-10	.04	1	4	169.4	22.1
21I034/872	11:58:52	BB4	257.5	285.0	-10	.04	1	3	174.8	22.6
21I035/872	12:02:52	BB4	257.5	277.5	-10	.04	1	4	175.8	22.7
21I047/872	13:57:59	BB2	230.0	260.0	-30	.04	1	3	203.9	19.5
22I064/955	11:07:59	BB2	132.5	140.0	-30	.04	1	2	151.3	13.2
22I065/955	12:03:59	BB4	75.0	100.0	-10	.04	1	3	163.7	16.7
21I068/955	12:43:59	BB4	235.0	260.0	-10	.04	1	4	172.9	18.1
21I069/955	12:46:59	BB4	235.0	260.0	-10	.04	1	2	173.6	18.1
21I078/955	13:57:59	BB2	240.0	250.0	-30	.04	1	4	190.2	17.7
21I079/955	13:59:59	BB2	240.0	250.0	-30	.04	1	2	190.7	17.7
21I084/957	12:34:58	BB2	275.0	282.5	-30	.04	1	3	170.5	18.0
22I085/957	12:37:58	BB2	80.0	87.5	-30	.04	1	3	171.2	18.1
21I086/958	15:32:00	BB1	282.5	287.5	0	.04	1	3	210.9	12.7
22I087/958	15:35:00	BB1	80.0	85.0	0	.04	1	3	211.5	12.4
21I088/959	12:34:59	BB2	275.0	282.5	-30	.04	1	3	170.2	18.1
22I089/959	12:37:59	BB2	80.0	87.5	-30	.04	1	3	170.9	18.2
21I091/959	15:03:12	BB3	190.0	310.0	-20	.04	1	3	204.5	15.0
21I092/959	15:15:08	BB3	190.0	310.0	-20	.04	1	2	207.2	14.2
22I094/960	15:12:35	BB4	15.0	165.0	-10	.04	1	3	206.5	14.5
22I095/960	15:26:58	BB4	15.0	165.0	-10	.04	1	2	209.6	13.4

HIGH-RESOLUTION CAMERA EVENTS SORTED BY SUN AZIMUTH/ELEVATION

VL-2 High-Resolution Camera Events Sorted by Sun Azimuth/Elevation

VL-2
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 86 AZ 130 TO 140 EL 60 TO 70										
22H020/595	11:04:39	BB1	150.0	155.0	0	.04	1	4	137.0	61.4
BOX 87 AZ 140 TO 150 EL 60 TO 70										
21H009/593	11:16:58	BB2	272.5	282.5	-30	.04	1	4	142.0	62.6
21H022/595	11:16:59	BB2	272.5	282.5	-30	.04	1	4	142.1	62.7
22A009/001	11:14:59	BB1	295.0	305.0	-30	.04	1	5	148.6	60.9
22A041/006	11:15:00	BB1	295.0	305.0	-30	.04	1	5	149.3	60.5
22H008/593	11:14:58	BB2	80.0	90.0	-30	.04	1	4	141.1	62.4
22H021/595	11:14:59	BB2	80.0	90.0	-30	.04	1	4	141.2	62.5
22H123/667	11:04:59	BB2	85.0	95.0	-30	.04	1	4	144.0	60.2
BOX 88 AZ 150 TO 160 EL 60 TO 70										
21A042/006	11:20:00	BB1	40.0	50.0	-30	.04	1	5	151.5	60.9
22G159/554	11:50:00	BB2	105.0	110.0	-30	.04	1	4	154.9	62.7
22G170/556	11:49:59	BB2	105.0	110.0	-30	.04	1	4	155.0	62.9
BOX 89 AZ 160 TO 170 EL 60 TO 70										
21G070/517	12:27:59	BB1	180.0	215.0	-40	.04	1	4	169.4	60.1
21H104/639	11:59:59	BB3	217.5	262.5	-20	.04	1	4	166.8	65.7
21H129/669	11:51:09	BB2	212.5	237.5	-30	.04	1	4	165.4	63.3
22G237/590	12:08:30	BB3	100.0	160.0	-30	.04	1	4	167.0	66.1
22H025/595	12:08:59	BB3	115.0	172.5	-30	.04	1	4	167.7	66.3
22H037/597	11:54:59	BB2	95.0	102.5	-30	.04	1	4	160.4	65.7
22H046/604	12:08:59	BB3	120.0	140.0	-30	.04	1	4	168.5	66.5
22H056/616	12:06:59	BB3	120.0	140.0	-30	.04	1	4	168.4	66.5
22H095/631	12:03:00	BB3	115.0	155.0	-30	.04	1	4	167.6	66.0
22H108/646	11:59:59	BB3	40.0	75.0	-10	.04	1	4	167.5	65.3
22H113/659	12:00:00	BB3	102.5	155.0	-30	.04	1	4	168.8	64.4
BOX 90 AZ 170 TO 180 EL 60 TO 70										
21A068/009	12:00:10	BB1	245.0	245.0	-40	.04	1	4	170.7	62.7
21A221/027	12:06:16	BB4	122.5	250.0	0	.04	1	4	175.4	60.5
21A225/028	12:07:23	BB3	130.0	260.0	-20	.04	1	4	176.0	60.4
21A237/029	12:05:41	BB4	10.0	140.0	0	.04	1	4	175.3	60.3
21G064/515	12:38:39	BB4	95.0	137.5	0	.04	1	4	174.1	60.0
21G078/520	12:34:29	BB4	180.0	250.0	0	.04	1	4	172.8	60.6
21G079/520	12:41:59	BB3	152.5	260.0	-20	.04	1	4	176.3	60.8
21G175/557	12:30:59	BB3	245.0	260.0	-20	.04	1	4	175.7	64.7
21G212/560	12:30:14	BB3	242.5	260.0	-20	.04	1	4	175.7	64.9
21G222/573	12:34:19	BB3	230.0	260.0	-20	.04	1	4	179.4	65.8
21G230/583	12:24:29	BB3	242.5	260.0	-20	.04	1	4	175.1	66.2
21H010/593	12:22:58	BB3	242.5	275.0	-20	.04	1	4	175.2	66.6
21H038/597	12:27:48	BB3	212.5	260.0	-20	.04	1	4	178.3	66.7
21H049/608	12:28:34	BB3	237.5	260.0	-20	.04	1	4	179.8	66.9
21H060/620	12:26:34	BB3	237.5	260.0	-20	.04	1	4	179.7	66.7
21H096/631	12:22:50	BB3	212.5	257.5	-20	.04	1	4	178.5	66.4
21H134/676	11:59:59	BB3	217.5	262.5	-20	.04	1	4	170.5	62.9
21H138/683	11:59:59	BB3	220.0	255.0	-10	.04	1	4	171.2	62.1
22A073/010	12:10:11	BB1	135.0	135.0	-40	.04	1	4	175.8	62.8
22A252/030	12:06:09	BB4	90.0	220.0	-10	.04	1	4	175.6	60.1
22G071/517	12:32:59	BB4	265.0	327.5	0	.04	1	4	171.7	60.2
22G085/521	12:35:59	BB4	95.0	165.0	-10	.04	1	4	173.6	60.8
22G088/522	12:41:00	BB4	162.5	215.0	-10	.04	1	4	176.1	61.0
22H143/696	11:59:59	BB3	102.5	155.0	-30	.04	1	4	172.5	60.4
BOX 91 AZ 180 TO 190 EL 60 TO 70										

VL-2
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 91 AZ 180 TO 190 EL 60 TO 70										
21G132/543	12:55:00	BB3	245.0	282.5	-30	.04	1	4	186.2	63.3
22A126/017	12:25:10	BB1	135.0	135.0	-40	.04	1	4	183.7	61.9
22A138/019	12:25:10	BB3	67.5	67.5	-10	.04	1	4	183.8	61.7
22G072/517	13:09:59	BB3	35.0	52.5	-10	.04	1	4	189.0	60.2
22G238/590	12:44:00	BB3	50.0	97.5	-10	.04	1	4	186.6	66.4
22H043/600	12:40:59	BB3	55.0	75.0	-10	.04	1	4	186.0	66.7
22H052/612	12:40:29	BB3	55.0	75.0	-10	.04	1	4	186.8	66.7
22H061/623	12:39:47	BB3	55.0	75.0	-10	.04	1	4	187.3	66.5
BOX 92 AZ 190 TO 200 EL 60 TO 70										
21A222/027	12:44:01	BB4	250.0	295.0	-10	.04	1	4	193.0	60.1
22A055/008	12:52:11	BB1	135.0	135.0	-40	.04	1	4	196.4	62.3
22G112/534	13:19:00	BB3	290.0	295.0	-20	.04	1	3	196.3	61.7
22H090/630	12:56:00	BB2	80.0	90.0	-30	.04	1	4	196.6	65.8
BOX 93 AZ 200 TO 210 EL 60 TO 70										
22H097/631	13:21:25	BB3	50.0	110.0	-10	.04	1	4	209.4	64.1
BOX 94 AZ 210 TO 220 EL 60 TO 70										
22H098/631	13:28:00	BB3	32.5	50.0	-10	.04	1	4	212.5	63.5
BOX 120 AZ 110 TO 120 EL 50 TO 60										
21G217/564	10:09:09	BB2	255.0	262.5	-30	.04	1	4	117.9	52.1
22A001/000	09:48:58	BB1	92.5	160.0	-50	.04	1	4	118.6	50.7
BOX 121 AZ 120 TO 130 EL 50 TO 60										
21G095/524	10:44:59	BB2	235.0	245.0	-30	.04	1	4	129.2	52.4
22A124/017	10:02:58	BB1	290.0	295.0	-20	.04	1	3	125.2	51.5
22A154/021	10:10:58	BB2	115.0	125.0	-30	.04	1	4	128.3	52.2
22A155/021	10:14:18	BB2	115.0	125.0	-30	.04	1	4	129.3	52.6
22H018/595	10:39:32	BB2	80.0	87.5	-30	.04	1	4	127.7	58.3
BOX 122 AZ 130 TO 140 EL 50 TO 60										
21B119/045	10:25:19	BB2	210.0	220.0	-30	.04	1	4	137.1	51.2
21B121/045	10:32:59	BB2	210.0	220.0	-30	.04	1	4	139.7	52.1
21B204/051	10:24:59	BB2	210.0	220.0	-30	.04	1	4	138.1	50.4
22A156/021	10:18:18	BB2	115.0	125.0	-30	.04	1	4	130.6	53.1
22B020/033	10:29:59	BB1	285.0	290.0	-20	.04	1	4	136.6	53.2
22B056/038	10:30:00	BB1	290.0	310.0	-30	.04	1	4	137.4	52.6
22B098/042	10:29:59	BB1	285.0	290.0	-20	.04	1	4	138.2	52.1
22B117/045	10:14:54	BB3	117.5	127.5	-30	.04	1	4	133.8	50.0
22B118/045	10:23:19	BB2	22.5	32.5	-20	.04	1	4	136.5	51.0
22B120/045	10:29:59	BB2	22.5	32.5	-20	.04	1	4	138.7	51.7
22B205/051	10:26:59	BB2	22.5	32.5	-20	.04	1	4	138.8	50.6
22H019/595	10:48:59	BB1	150.0	155.0	0	.04	1	4	131.0	59.5
BOX 123 AZ 140 TO 150 EL 50 TO 60										
21A040/006	11:00:00	BB1	35.0	60.0	-20	.04	1	4	143.1	59.1
21A090/013	11:06:32	BB1	35.0	60.0	-20	.04	1	4	146.8	59.1
21A246/030	11:07:27	BB2	290.0	300.0	-30	.04	1	4	149.9	57.3
21B029/034	10:43:21	BB2	292.5	302.5	-30	.04	1	4	141.4	54.5
21B031/034	10:49:55	BB2	292.5	302.5	-30	.04	1	4	143.8	55.2

VL-2
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 123 AZ 140 TO 150 EL 50 TO 60										
21H122/667	10:59:59	BB2	277.5	287.5	-30	.04	1	4	142.0	59.7
21H153/704	10:59:59	BB2	277.5	287.5	-30	.04	1	4	147.8	55.9
22A008/001	10:53:49	BB1	117.5	155.0	-50	.04	1	4	140.0	58.9
22B028/034	10:41:36	BB2	102.5	112.5	-30	.04	1	4	140.8	54.4
22B030/034	10:48:10	BB2	102.5	112.5	-30	.04	1	4	143.1	55.0
22H154/704	11:04:59	BB2	85.0	95.0	-30	.04	1	4	149.8	56.4
BOX 124 AZ 150 TO 160 EL 50 TO 60										
21A125/017	11:19:59	BB1	40.0	57.5	-30	.04	1	5	153.1	59.8
21A248/030	11:31:04	BB2	282.5	292.5	-30	.04	1	4	159.7	58.9
21F182/471	12:07:59	BB1	202.5	210.0	-40	.04	1	4	157.0	51.2
21H185/741	10:59:58	BB2	277.5	287.5	-30	.04	1	4	153.8	50.1
22A247/030	11:18:10	BB2	115.0	125.0	-30	.04	1	4	154.3	58.1
22F236/482	11:57:59	BB2	102.5	137.5	-30	.04	1	4	153.9	52.7
22G035/502	12:09:30	BB1	17.5	25.0	-20	.04	1	4	159.8	57.0
22H186/741	11:04:58	BB2	85.0	95.0	-30	.04	1	4	155.6	50.4
BOX 125 AZ 160 TO 170 EL 50 TO 60										
21A250/030	11:36:04	BB2	282.5	292.5	-30	.04	1	4	161.9	59.2
21B034/035	11:51:55	BB3	150.0	225.0	-10	.04	1	4	169.6	59.1
21F183/471	12:21:59	BB1	200.0	210.0	-40	.04	1	4	162.3	52.0
22A249/030	11:32:47	BB2	90.0	100.0	-30	.04	1	4	160.5	59.0
22A251/030	11:37:47	BB2	90.0	100.0	-30	.04	1	4	162.7	59.2
22B044/036	11:49:12	BB3	115.0	190.0	-30	.04	1	4	168.5	58.8
22B046/037	11:46:21	BB2	45.0	120.0	-30	.04	1	4	167.3	58.6
22B057/038	11:43:23	BB1	90.0	165.0	-50	.04	1	4	166.2	58.3
22G036/502	12:23:00	BB1	130.0	165.0	-50	.04	1	4	165.5	57.6
22G047/503	12:26:29	BB3	172.5	187.5	-30	.04	1	4	167.2	57.9
22G048/503	12:29:29	BB3	115.0	157.5	-30	.04	1	4	168.5	58.0
BOX 126 AZ 170 TO 180 EL 50 TO 60										
21B021/033	11:56:52	BB1	170.0	270.0	-40	.04	1	4	171.6	59.5
21B032/034	11:54:18	BB2	150.0	250.0	-20	.04	1	4	170.6	59.3
21F241/483	13:00:00	BB1	200.0	210.0	-40	.04	1	4	178.9	55.2
21G049/503	12:34:59	BB1	212.5	242.5	-40	.04	1	4	170.9	58.2
21H165/713	11:59:58	BB3	217.5	262.5	-20	.04	1	4	174.1	57.8
21H178/738	11:52:16	BB2	237.5	292.5	-30	.04	1	4	173.2	53.1
21H197/750	11:59:59	BB3	217.5	262.5	-20	.04	1	4	177.2	50.7
22B003/031	12:01:37	BB4	235.0	335.0	0	.04	1	4	173.6	59.9
22B012/032	11:59:19	BB2	95.0	200.0	-30	.04	1	4	172.6	59.7
22G037/502	12:35:30	BB2	105.0	112.5	-30	.04	1	4	171.0	58.0
22G038/502	12:44:00	BB1	100.0	105.0	0	.04	1	4	174.7	58.2
22H169/720	11:59:59	BB3	40.0	75.0	-10	.04	1	4	174.8	56.6
22H174/733	11:59:58	BB3	102.5	155.0	-30	.04	1	4	175.9	54.2
BOX 127 AZ 180 TO 190 EL 50 TO 60										
21B022/033	12:32:18	BB3	240.0	310.0	-30	.04	1	4	187.9	59.5
21B033/034	12:29:44	BB1	210.0	280.0	-50	.04	1	4	186.7	59.4
21B035/035	12:30:10	BB2	277.5	315.0	-40	.04	1	4	187.0	59.3
21G040/502	13:10:30	BB3	240.0	280.0	-30	.04	1	4	186.5	58.1
22B013/032	12:34:45	BB3	25.0	95.0	-10	.04	1	4	188.9	59.6
22B045/036	12:27:27	BB2	10.0	47.5	-30	.04	1	4	185.8	59.2
22B047/037	12:24:36	BB2	95.0	140.0	-30	.04	1	4	184.6	59.0
22B058/038	12:21:38	BB1	55.0	92.5	-50	.04	1	4	183.3	58.9
22G039/502	13:01:00	BB1	70.0	92.5	-50	.04	1	4	182.3	58.3
22G052/508	13:10:59	BB3	50.0	95.0	-10	.04	1	4	187.8	59.0

VL-2
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 128 AZ 190 TO 200 EL 50 TO 60										
21A226/028	12:45:08	BB4	290.0	335.0	-10	.04	1	4	193.5	59.9
21A238/029	12:43:26	BB4	30.0	75.0	-20	.04	1	4	192.8	59.8
22A253/030	12:38:18	BB4	210.0	260.0	0	.04	1	4	190.5	59.8
22B004/031	12:37:03	BB4	7.5	87.5	0	.04	1	4	190.0	59.7
22G041/502	13:27:30	BB3	40.0	50.0	-30	.04	1	4	193.9	57.7
22G042/502	13:35:00	BB1	100.0	105.0	0	.04	1	4	197.1	57.3
BOX 129 AZ 200 TO 210 EL 50 TO 60										
21A131/018	13:21:11	BB1	260.0	260.0	-40	.04	1	4	209.4	59.2
21A146/020	13:21:10	BB1	260.0	260.0	-40	.04	1	4	209.3	58.9
21A167/022	13:20:54	BB1	260.0	260.0	-40	.04	1	4	209.2	58.6
21A219/026	13:15:11	BB1	260.0	260.0	-40	.04	1	4	206.7	58.5
22B146/047	13:20:49	BB2	40.0	50.0	0	.04	1	4	208.3	54.7
22G043/502	13:48:00	BB1	100.0	105.0	0	.04	1	4	202.6	56.6
BOX 130 AZ 210 TO 220 EL 50 TO 60										
21A117/016	13:39:10	BB1	260.0	260.0	-40	.04	1	4	216.7	57.8
22A010/001	13:42:11	BB1	125.0	125.0	-50	.04	1	4	218.4	59.3
22A015/002	13:42:11	BB1	125.0	125.0	-50	.04	1	4	218.4	59.2
22A107/015	13:42:10	BB1	90.0	90.0	-40	.04	1	4	217.9	57.6
22A239/029	13:40:38	BB2	115.0	125.0	-30	.04	1	4	216.7	55.9
22G010/489	14:19:39	BB1	85.0	165.0	-50	.04	1	3	211.9	52.7
BOX 131 AZ 220 TO 230 EL 50 TO 60										
21A098/014	13:57:11	BB1	260.0	260.0	-40	.04	1	4	223.5	56.2
21A241/029	14:07:26	BB2	290.0	300.0	-30	.04	1	4	226.1	53.0
21G096/524	14:20:22	BB3	275.0	332.5	-10	.04	1	4	220.1	56.0
BOX 132 AZ 230 TO 240 EL 50 TO 60										
21A078/011	14:30:10	BB1	245.0	245.0	-40	.04	1	4	234.6	52.5
21A197/024	14:33:11	BB1	260.0	260.0	-40	.04	1	4	234.5	50.4
22A056/008	14:29:59	BB2	37.5	47.5	-20	.04	1	4	234.7	52.8
22A091/013	14:24:10	BB1	90.0	90.0	-40	.04	1	4	232.6	53.0
22A242/029	14:19:59	BB2	115.0	125.0	-30	.04	1	4	230.1	51.5
BOX 155 AZ 100 TO 110 EL 40 TO 50										
21A079/012	09:06:03	BB1	212.5	327.5	-50	.04	1	4	109.4	43.6
21A114/016	08:59:37	BB2	215.0	332.5	-30	.04	1	4	108.6	42.3
21A122/017	08:57:40	BB4	135.0	185.0	-10	.04	1	4	108.3	42.0
21A129/018	08:58:55	BB4	15.0	65.0	-10	.04	1	4	108.7	42.1
22A088/013	09:04:23	BB2	77.5	200.0	-30	.04	1	4	109.2	43.3
22A096/014	09:02:45	BB3	77.5	200.0	-10	.04	1	4	109.0	43.0
22A105/015	09:01:09	BB4	220.0	335.0	0	.04	1	4	108.8	42.6
22A136/019	08:57:30	BB4	10.0	60.0	0	.04	1	4	108.5	41.8
BOX 156 AZ 110 TO 120 EL 40 TO 50										
21A034/005	09:21:09	BB3	270.0	297.5	-20	.04	1	4	112.0	46.3
21A039/006	09:19:16	BB1	200.0	280.0	-50	.04	1	4	111.7	46.0
21A050/007	09:17:23	BB4	200.0	290.0	0	.04	1	4	111.4	45.6
21A054/008	09:15:33	BB4	260.0	335.0	0	.04	1	4	111.1	45.3
21A071/010	09:11:58	BB4	135.0	225.0	0	.04	1	4	110.5	44.6
21A076/011	09:10:13	BB4	70.0	160.0	0	.04	1	4	110.3	44.3
21A080/012	09:40:48	BB1	175.0	250.0	-50	.04	1	4	118.1	48.8
21A115/016	09:34:22	BB2	152.5	227.5	-30	.04	1	4	117.0	47.6

VL-2
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 156 AZ 110 TO 120 EL 40 TO 50										
21A123/017	09:32:34	BB4	182.5	257.5	-10	.04	1	4	116.7	47.2
21A130/018	09:33:50	BB4	255.0	330.0	-10	.04	1	4	117.2	47.3
21B095/042	08:59:59	BB4	135.0	192.5	0	.04	1	4	112.9	40.2
21B096/042	09:07:59	BB4	235.0	255.0	-10	.04	1	4	114.8	41.4
21B203/051	09:05:26	BB2	290.0	300.0	-30	.04	1	4	115.8	40.0
21G087/522	10:12:30	BB2	215.0	222.5	-30	.04	1	4	119.7	47.7
22A007/001	09:28:56	BB2	80.0	127.5	-30	.04	1	4	113.4	47.7
22A020/003	09:24:59	BB1	80.0	160.0	-50	.04	1	4	112.7	47.0
22A067/009	09:13:44	BB4	10.0	90.0	0	.04	1	4	110.8	45.0
22A089/013	09:39:08	BB2	10.0	90.0	-30	.04	1	4	117.8	48.5
22A097/014	09:37:31	BB3	10.0	90.0	-10	.04	1	4	117.5	48.2
22A106/015	09:35:54	BB4	160.0	235.0	0	.04	1	4	117.3	47.9
22A137/019	09:32:24	BB4	57.5	132.5	-10	.04	1	4	117.0	47.0
22G034/502	09:45:00	BB1	285.0	290.0	-20	.04	1	4	113.6	40.6
22G115/537	10:01:59	BB3	10.0	50.0	-10	.04	1	4	116.5	48.2
BOX 157 AZ 120 TO 130 EL 40 TO 50										
21C041/057	09:30:59	BB2	290.0	300.0	-30	.04	1	4	123.4	42.9
21C044/057	09:38:59	BB2	280.0	290.0	-30	.04	1	4	125.5	44.0
21C069/061	09:51:21	BB3	240.0	275.0	-10	.04	1	4	129.7	45.0
21F218/480	10:39:59	BB2	290.0	300.0	-30	.04	1	4	128.5	44.3
21H159/706	09:52:25	BB3	135.0	192.5	-10	.04	1	4	125.6	48.1
22C042/057	09:32:59	BB2	90.0	100.0	-40	.04	1	4	123.9	43.2
22C045/057	09:40:59	BB2	85.0	95.0	-30	.04	1	4	126.1	44.2
22C053/058	09:39:00	BB2	85.0	95.0	-30	.04	1	4	125.7	43.8
22F206/479	10:11:00	BB2	135.0	145.0	-30	.04	1	4	120.9	40.2
22F207/479	10:44:00	BB1	85.0	90.0	-10	.04	1	4	129.7	44.6
22F219/480	10:41:59	BB2	90.0	100.0	-40	.04	1	4	129.1	44.5
BOX 158 AZ 130 TO 140 EL 40 TO 50										
21F154/452	10:59:59	BB4	277.5	312.5	-10	.04	1	4	134.8	41.0
21F209/479	10:56:00	BB2	320.0	332.5	-30	.04	1	4	133.2	46.1
21F210/479	11:06:00	BB1	282.5	290.0	-30	.04	1	3	136.2	47.2
21F211/479	11:11:00	BB1	282.5	290.0	-30	.04	1	3	137.7	47.8
22B116/045	10:11:39	BB3	117.5	127.5	-30	.04	1	4	132.8	49.6
22F208/479	10:49:00	BB1	85.0	90.0	-10	.04	1	4	131.1	45.2
BOX 159 AZ 140 TO 150 EL 40 TO 50										
21F124/446	11:24:54	BB2	280.0	310.0	-30	.04	1	4	142.1	42.4
22F125/446	11:29:54	BB2	85.0	162.5	-30	.04	1	4	143.6	42.9
22F212/479	11:20:00	BB3	290.0	295.0	-20	.04	1	4	140.6	48.7
22F213/479	11:32:00	BB2	135.0	145.0	-30	.04	1	4	144.6	49.9
BOX 160 AZ 150 TO 160 EL 40 TO 50										
21H218/778	10:59:59	BB2	277.5	287.5	-30	.04	1	4	158.6	42.5
22F162/455	12:07:59	BB2	90.0	97.5	-30	.04	1	4	156.1	48.0
BOX 161 AZ 160 TO 170 EL 40 TO 50										
21F048/417	12:35:59	BB2	230.0	240.0	-30	.04	1	4	163.6	41.2
21F050/417	12:39:59	BB2	265.0	275.0	-30	.04	1	4	164.9	41.4
22F049/417	12:37:59	BB3	40.0	50.0	-30	.04	1	4	164.2	41.3
22H219/778	11:04:59	BB2	85.0	95.0	-30	.04	1	4	160.2	42.7
BOX 162 AZ 170 TO 180 EL 40 TO 50										

VL-2
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 162 AZ 170 TO 180 EL 40 TO 50										
21H201/757	11:59:59	BB3	220.0	255.0	-10	.04	1	4	177.6	49.2
22H206/770	11:59:59	BB3	102.5	155.0	-30	.04	1	4	178.3	46.3
BOX 164 AZ 190 TO 200 EL 40 TO 50										
21F110/442	14:02:00	BB2	230.0	240.0	-30	.04	1	4	195.7	46.6
21F114/443	14:01:59	BB2	230.0	240.0	-30	.04	1	4	195.8	46.8
21F159/454	14:07:18	BB1	180.0	287.5	-40	.04	1	4	199.8	48.5
22F113/443	13:59:59	BB3	40.0	50.0	-30	.04	1	4	195.1	46.9
BOX 167 AZ 220 TO 230 EL 40 TO 50										
21F126/446	15:29:55	BB2	215.0	222.5	-30	.04	1	4	224.2	40.1
21F194/476	15:12:59	BB1	205.0	220.0	-40	.04	1	4	226.3	45.7
21G011/489	15:07:00	BB2	200.0	280.0	-40	.04	1	4	227.6	47.7
22C021/056	14:01:48	BB3	290.0	295.0	-20	.04	1	4	222.2	49.2
22C022/056	14:10:12	BB1	85.0	92.5	-10	.04	1	4	224.9	48.3
22F163/455	15:24:00	BB1	142.5	165.0	-50	.04	1	3	224.6	41.9
BOX 168 AZ 230 TO 240 EL 40 TO 50										
21C027/056	14:59:25	BB1	282.5	290.0	-30	.04	1	4	238.7	41.9
21C028/056	15:01:59	BB1	282.5	290.0	-30	.04	1	4	239.4	41.6
22C023/056	14:29:45	BB2	85.0	95.0	-30	.04	1	4	230.7	45.9
22C024/056	14:42:39	BB3	290.0	297.5	-20	.04	1	4	234.3	44.2
22C025/056	14:50:36	BB1	85.0	92.5	-10	.04	1	4	236.4	43.2
22C026/056	14:54:24	BB1	85.0	92.5	-10	.04	1	4	237.4	42.6
BOX 169 AZ 240 TO 250 EL 40 TO 50										
21A057/008	14:51:33	BB2	227.5	237.5	-30	.04	1	4	241.0	49.8
21A059/008	14:56:33	BB3	162.5	190.0	-10	.04	1	4	242.3	49.1
21A085/012	15:15:10	BB1	260.0	260.0	-40	.04	1	4	246.8	45.9
21A108/015	14:49:59	BB4	27.5	65.0	-10	.04	1	4	240.0	49.3
21C029/056	15:04:29	BB1	282.5	290.0	-30	.04	1	4	240.0	41.2
22A058/008	14:53:33	BB2	37.5	47.5	-20	.04	1	4	241.5	49.6
22A255/030	15:00:00	BB4	7.5	10.0	0	.04	1	4	241.4	45.9
22B005/031	15:00:00	BB1	75.0	77.5	-50	.04	1	4	241.4	45.8
22B014/032	14:59:59	BB3	10.0	12.5	-20	.04	1	4	241.3	45.6
22C030/056	15:11:54	BB3	290.0	295.0	-20	.04	1	4	241.9	40.2
BOX 170 AZ 250 TO 260 EL 40 TO 50										
21A023/003	15:53:59	BB1	35.0	40.0	-20	.04	1	4	256.4	40.9
21A074/010	15:44:59	BB1	12.5	27.5	-20	.04	1	5	253.9	41.6
21G168/555	16:04:59	BB2	235.0	245.0	-30	.04	1	4	255.4	43.0
21H125/667	16:00:00	BB3	220.0	275.0	-10	.04	1	4	257.9	40.3
22H028/595	15:59:59	BB2	135.0	145.0	-30	.04	1	4	258.2	43.9
22H039/597	15:59:58	BB2	135.0	145.0	-30	.04	1	4	258.3	43.9
BOX 189 AZ 80 TO 90 EL 30 TO 40										
21G211/560	07:59:59	BB2	255.0	270.0	-30	.04	1	4	89.8	31.4
BOX 190 AZ 90 TO 100 EL 30 TO 40										
21A062/009	07:49:59	BB2	227.5	237.5	-30	.04	1	4	93.4	31.6
21A065/009	08:03:59	BB3	157.5	162.5	-10	.04	1	4	96.0	33.9
22A027/004	08:09:00	BB1	305.0	310.0	-20	.04	1	4	96.3	35.0

VL-2
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 190 AZ 90 TO 100 EL 30 TO 40										
22A063/009	07:51:59	BB2	37.5	47.5	-20	.04	1	4	93.7	32.0
22A070/010	07:49:59	BB2	37.5	47.5	-20	.04	1	4	93.5	31.6
BOX 191 AZ 100 TO 110 EL 30 TO 40										
21G113/536	09:07:20	BB2	235.0	245.0	-30	.04	1	4	103.7	39.7
BOX 192 AZ 110 TO 120 EL 30 TO 40										
21F186/473	09:25:59	BB1	250.0	262.5	-50	.04	1	3	110.7	32.4
21F196/478	10:02:59	BB4	262.5	272.5	-10	.04	1	4	118.9	38.9
22H192/743	08:37:20	BB2	57.5	170.0	-30	.04	1	4	113.7	32.9
BOX 193 AZ 120 TO 130 EL 30 TO 40										
22C084/111	08:59:59	BB2	87.5	95.0	-30	.04	1	4	125.6	30.0
22F087/427	10:16:28	BB2	87.5	95.0	-30	.04	1	4	124.6	30.1
BOX 194 AZ 130 TO 140 EL 30 TO 40										
21F046/417	10:53:16	BB2	230.0	240.0	-30	.04	1	4	134.1	32.5
22F047/417	10:55:06	BB3	40.0	50.0	-30	.04	1	4	134.6	32.7
BOX 195 AZ 140 TO 150 EL 30 TO 40										
21F009/409	11:33:58	BB3	247.5	275.0	-10	.04	1	4	145.1	35.0
21H211/775	10:17:14	BB4	205.0	305.0	-10	.04	1	4	145.1	39.8
22E251/406	11:44:15	BB3	80.0	92.5	-10	.04	1	4	148.0	35.2
BOX 196 AZ 150 TO 160 EL 30 TO 40										
21E231/401	12:22:58	BB1	215.0	240.0	-40	.04	1	4	159.2	36.9
21F022/414	12:08:26	BB3	210.0	275.0	-10	.04	1	4	155.0	38.9
21F023/414	12:16:45	BB2	205.0	275.0	-30	.04	1	4	157.5	39.5
21F040/415	12:09:59	BB1	220.0	272.5	-50	.04	1	3	155.5	39.3
22F021/414	12:00:00	BB3	27.5	90.0	-10	.04	1	4	152.5	38.3
BOX 197 AZ 160 TO 170 EL 30 TO 40										
21C101/131	10:59:59	BB1	225.0	240.0	-40	.04	1	4	160.5	37.4
21C198/161	10:59:59	BB4	100.0	130.0	0	.04	1	3	161.7	30.1
21E152/365	12:44:04	BB4	235.0	257.5	-10	.04	1	3	165.5	30.0
22C102/131	11:02:29	BB1	12.5	22.5	-20	.04	1	4	161.2	37.5
22C199/161	11:27:59	BB3	290.0	297.5	-10	.04	1	3	169.4	31.2
22E221/395	12:28:28	BB3	12.5	25.0	-20	.04	1	4	160.8	35.9
BOX 198 AZ 170 TO 180 EL 30 TO 40										
21C151/146	11:30:00	BB4	135.0	170.0	0	.04	1	3	170.0	35.0
21C152/146	11:35:00	BB1	182.5	210.0	-50	.04	1	3	171.5	35.1
21C153/146	11:40:00	BB1	275.0	280.0	-50	.04	1	3	172.9	35.2
21C154/146	11:42:00	BB4	132.5	137.5	-10	.04	1	3	173.5	35.3
21C155/146	11:45:00	BB1	307.5	317.5	-50	.04	1	3	174.4	35.3
21C156/146	11:50:00	BB2	310.0	330.0	-40	.04	1	3	175.9	35.4
22C157/146	11:55:00	BB3	12.5	25.0	-20	.04	1	3	177.4	35.4
22C158/146	12:00:00	BB3	265.0	305.0	-20	.04	1	3	178.9	35.4

VL-2
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 200 AZ 190 TO 200 EL 30 TO 40										
21C119/132	12:59:59	BB2	210.0	220.0	-30	.04	1	4	197.5	37.5
21C137/145	12:59:59	BB2	217.5	222.5	-30	.04	1	3	196.5	34.4
21C159/146	12:50:00	BB2	222.5	240.0	-30	.04	1	3	193.6	34.6
21C161/146	13:00:00	BB2	217.5	222.5	-30	.04	1	3	196.5	34.1
21C200/161	13:09:59	BB2	222.5	240.0	-30	.04	1	3	197.8	30.2
21E160/365	14:29:04	BB4	212.5	235.0	-10	.04	1	3	194.6	30.0
22C160/146	12:55:00	BB2	35.0	47.5	-20	.04	1	3	195.0	34.4
22C162/146	13:05:00	BB2	27.5	35.0	-20	.04	1	3	197.9	33.9
22E206/388	14:12:29	BB1	17.5	25.0	-20	.04	1	4	191.6	35.4
BOX 201 AZ 200 TO 210 EL 30 TO 40										
21E236/405	14:58:17	BB2	265.0	275.0	-30	.04	1	4	207.1	36.4
21F051/417	14:54:56	BB4	30.0	332.5	0	.04	1	4	208.2	38.8
22C138/145	13:19:59	BB2	27.5	35.0	-20	.04	1	3	202.2	33.3
22C164/155	13:30:00	BB2	142.5	157.5	-30	.04	1	3	203.9	30.4
22E207/388	14:41:23	BB2	132.5	140.0	-30	.04	1	4	200.0	34.2
BOX 202 AZ 210 TO 220 EL 30 TO 40										
21E253/406	15:23:43	BB2	240.0	245.0	-30	.04	1	4	214.4	34.4
21H234/801	13:57:59	BB2	240.0	250.0	-30	.04	1	4	214.0	33.3
22F052/417	15:22:29	BB4	15.0	237.5	0	.04	1	4	216.1	36.5
BOX 203 AZ 220 TO 230 EL 30 TO 40										
21E237/405	15:54:39	BB2	265.0	275.0	-30	.04	1	4	222.4	31.1
BOX 204 AZ 230 TO 240 EL 30 TO 40										
22C075/104	15:14:59	BB1	75.0	100.0	-50	.04	1	4	236.9	30.5
BOX 205 AZ 240 TO 250 EL 30 TO 40										
21F237/482	16:30:00	BB2	240.0	245.0	-30	.04	1	4	247.5	35.7
BOX 206 AZ 250 TO 260 EL 30 TO 40										
21A052/007	16:00:00	BB2	182.5	232.5	-30	.04	1	4	257.4	39.5
21A227/028	16:11:13	BB2	230.0	240.0	-20	.04	1	4	258.0	35.3
21B048/037	16:10:30	BB2	292.5	302.5	-30	.04	1	4	257.0	34.2
21B049/037	16:16:11	BB2	292.5	302.5	-30	.04	1	4	258.1	33.3
21G061/512	16:24:57	BB2	215.0	245.0	-30	.04	1	4	252.6	38.3
21G127/540	16:22:59	BB2	185.0	232.5	-30	.04	1	4	257.0	39.7
21H188/741	15:59:58	BB3	220.0	275.0	-10	.04	1	4	250.9	30.1
22H156/704	15:59:59	BB3	40.0	95.0	-10	.04	1	4	255.0	36.1
BOX 207 AZ 260 TO 270 EL 30 TO 40										
21A031/004	17:00:00	BB1	182.5	255.0	-50	.04	1	4	269.2	30.1
21A069/009	16:49:58	BB3	190.0	217.5	-10	.04	1	4	267.0	31.2
21G136/545	17:11:29	BB2	235.0	245.0	-30	.04	1	4	267.3	32.0
21G153/553	17:17:59	BB1	182.5	255.0	-50	.04	1	4	269.5	31.1
21H013/594	16:55:00	BB2	240.0	245.0	-30	.04	1	4	268.9	35.0
22H014/594	17:00:30	BB2	97.5	107.5	-30	.04	1	4	269.9	34.1
22H029/595	16:51:14	BB3	40.0	50.0	-30	.04	1	4	268.3	35.6

VL-2
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 208 AZ 270 TO 280 EL 30 TO 40										
21H031/595	17:02:29	BB2	290.0	300.0	-30	.04	1	4	270.3	33.8
21H032/595	17:13:59	BB2	230.0	235.0	-20	.04	1	4	272.4	31.9
22H030/595	17:00:29	BB2	97.5	107.5	-30	.04	1	4	270.0	34.1
22H066/626	17:07:39	BB3	60.0	110.0	-10	.04	1	4	272.1	32.1
BOX 225 AZ 80 TO 90 EL 20 TO 30										
21A164/022	07:09:59	BB4	142.5	250.0	0	.04	1	4	87.8	24.3
21A174/023	06:49:41	BB2	262.5	305.0	-30	.04	1	4	84.3	20.9
21A193/024	06:59:59	BB2	305.0	322.5	-40	.04	1	4	86.3	22.5
21A204/025	06:54:58	BB4	27.5	62.5	-10	.04	1	4	85.5	21.6
21B001/031	06:51:59	BB4	250.0	265.0	0	.04	1	4	85.8	20.7
21B010/032	06:49:59	BB4	75.0	142.5	0	.04	1	4	85.6	20.3
21B040/036	07:00:59	BB2	150.0	265.0	-30	.04	1	4	88.1	21.7
21B054/038	07:00:00	BB3	120.0	215.0	-10	.04	1	4	88.2	21.4
21B094/042	06:54:59	BB1	257.5	292.5	-50	.04	1	4	87.9	20.2
21B138/047	06:59:59	BB2	227.5	237.5	-30	.04	1	4	89.6	20.6
21G046/503	07:38:45	BB3	142.5	215.0	-10	.04	1	4	88.2	20.6
21G069/517	07:24:29	BB4	110.0	142.5	0	.04	1	4	85.0	20.5
21G092/523	07:41:29	BB4	142.5	242.5	0	.04	1	4	87.7	24.1
21G250/593	07:18:59	BB3	142.5	175.0	-10	.04	1	4	82.5	27.0
22A176/023	06:59:41	BB1	115.0	162.5	-50	.04	1	4	86.1	22.5
22A178/023	07:09:41	BB2	77.5	127.5	-30	.04	1	4	87.8	24.2
22A205/025	06:59:58	BB1	52.5	110.0	-50	.04	1	4	86.4	22.4
22A206/025	07:06:58	BB3	127.5	192.5	-30	.04	1	4	87.6	23.6
22A207/025	07:14:58	BB3	265.0	307.5	-10	.04	1	4	89.1	24.9
22A220/027	06:59:59	BB4	117.5	215.0	-10	.04	1	4	86.7	22.3
22A223/028	06:54:59	BB4	215.0	325.0	0	.04	1	4	85.9	21.4
22G161/555	07:06:44	BB1	115.0	125.0	-40	.04	1	3	80.7	22.3
22G162/555	07:11:13	BB1	117.5	127.5	-40	.04	1	3	81.5	23.0
22G163/555	07:15:42	BB1	117.5	130.0	-40	.04	1	3	82.2	23.7
22G164/555	07:20:11	BB1	120.0	132.5	-50	.04	1	3	83.0	24.5
22G165/555	07:24:45	BB1	120.0	132.5	-50	.04	1	3	83.8	25.2
22G166/555	07:29:19	BB1	120.0	132.5	-50	.04	1	3	84.6	25.9
22G167/555	07:33:53	BB1	120.0	132.5	-50	.04	1	3	85.3	26.7
22H069/627	07:09:59	BB3	117.5	127.5	-30	.04	1	4	81.9	26.4
BOX 226 AZ 90 TO 100 EL 20 TO 30										
22B002/031	07:20:59	BB3	7.5	60.0	-10	.04	1	4	91.0	25.4
22B041/036	07:39:59	BB1	25.0	32.5	-20	.04	1	4	95.3	28.1
22B139/047	07:04:59	BB2	37.5	47.5	-20	.04	1	4	90.5	21.4
22B231/054	07:05:00	BB4	115.0	175.0	-10	.04	2	3	91.6	20.7
22C039/057	07:35:14	BB1	285.0	297.5	-10	.04	1	4	97.8	25.3
22G012/491	07:50:59	BB4	115.0	127.5	-10	.04	1	3	91.0	20.6
BOX 227 AZ 100 TO 110 EL 20 TO 30										
21F178/468	09:04:59	BB1	242.5	250.0	-40	.04	1	4	106.5	28.2
22H191/743	08:08:15	BB4	10.0	330.0	-10	.04	1	4	107.5	28.4
BOX 228 AZ 110 TO 120 EL 20 TO 30										
22F044/417	09:24:59	BB1	95.0	115.0	-50	.04	1	4	114.0	20.6
22F152/452	09:29:59	BB1	60.0	97.5	-50	.04	1	3	112.7	28.8
BOX 229 AZ 120 TO 130 EL 20 TO 30										
21C096/125	09:01:59	BB1	325.0	327.5	-50	.04	1	4	128.3	27.5
21C098/129	08:59:58	BB4	55.0	90.0	0	.04	1	4	128.4	26.4
21C099/130	08:59:59	BB3	127.5	182.5	-10	.04	1	4	128.6	26.2

VL-2
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 229 AZ 120 TO 130 EL 20 TO 30										
21E227/398	10:26:59	BB3	127.5	185.0	-10	.04	1	4	128.9	25.1
22C095/125	08:59:59	BB1	160.0	162.5	-50	.04	1	4	127.8	27.3
22C097/128	08:59:59	BB3	260.0	305.0	-10	.04	1	4	128.3	26.7
22C100/131	08:59:59	BB1	37.5	82.5	-50	.04	1	4	128.7	26.0
22E225/397	10:29:59	BB1	145.0	165.0	-50	.04	1	3	129.7	25.2
22E233/405	10:23:59	BB3	260.0	305.0	-10	.04	1	4	127.7	26.2
22F000/408	10:13:59	BB1	115.0	145.0	-50	.04	1	4	125.3	25.6
BOX 230 AZ 130 TO 140 EL 20 TO 30										
21C124/141	08:59:59	BB2	227.5	262.5	-30	.04	1	3	130.1	23.9
21C125/141	09:09:59	BB4	27.5	57.5	-10	.04	1	3	132.4	25.1
21C148/146	08:59:59	BB4	322.5	335.0	-10	.04	1	3	130.7	22.8
22C149/146	09:04:59	BB3	185.0	217.5	-20	.04	1	3	131.8	23.4
22C150/146	09:09:59	BB4	232.5	260.0	0	.04	1	3	133.0	24.0
22C195/161	09:04:59	BB1	85.0	105.0	-50	.04	1	2	133.3	20.0
22C196/161	09:09:59	BB3	80.0	130.0	-30	.04	1	2	134.5	20.6
22C197/161	09:19:59	BB4	25.0	140.0	-10	.04	1	2	136.7	21.8
22E175/378	11:07:10	BB4	60.0	97.5	-10	.04	1	4	139.8	25.5
BOX 232 AZ 150 TO 160 EL 20 TO 30										
21D025/190	10:30:00	BB4	215.0	260.0	-10	.04	1	2	153.9	21.5
21D026/190	10:35:00	BB4	260.0	300.0	-20	.04	1	2	155.1	21.9
22D031/190	10:50:31	BB1	85.0	105.0	-50	.04	1	2	158.9	22.9
22D032/190	10:54:00	BB2	25.0	140.0	-10	.04	1	3	159.7	23.1
22D082/203	10:56:54	BB1	127.5	135.0	0	.04	1	3	159.7	20.5
BOX 233 AZ 160 TO 170 EL 20 TO 30										
21C204/162	11:00:00	BB4	130.0	177.5	0	.04	1	3	161.7	29.9
21C208/165	10:59:58	BB4	260.0	305.0	-20	.04	1	3	161.8	29.2
21D039/193	11:29:58	BB4	110.0	180.0	0	.04	1	3	168.5	24.0
21D050/198	11:10:00	BB1	237.5	270.0	-50	.04	1	3	163.2	22.2
21D094/207	11:02:18	BB4	110.0	195.0	0	.04	1	3	160.7	20.0
21E069/317	12:14:02	BB1	247.5	260.0	-50	.04	1	2	161.7	20.1
21E072/317	12:44:02	BB4	235.0	257.5	-10	.04	1	2	168.9	21.3
22C217/172	11:23:59	BB3	140.0	160.0	-30	.04	1	2	168.1	28.5
22C218/172	11:26:59	BB3	175.0	190.0	-20	.04	1	2	168.9	28.6
22D004/184	10:59:59	BB4	292.5	312.5	0	.04	1	3	161.5	24.7
22D057/198	11:34:00	BB3	80.0	122.5	-30	.04	1	3	169.1	23.1
22D083/203	10:58:54	BB1	127.5	135.0	0	.04	1	2	160.2	20.6
22D084/203	11:16:29	BB2	132.5	140.0	-30	.04	1	2	164.4	21.5
22E071/317	12:34:02	BB4	110.0	130.0	-10	.04	1	3	166.5	21.0
22E131/353	12:44:04	BB4	55.0	75.0	-10	.04	1	3	166.0	27.5
22E151/365	12:34:04	BB4	110.0	130.0	-10	.04	1	3	162.8	29.6
22I020/872	11:08:52	BB2	132.5	140.0	-30	.04	1	2	162.6	21.0
22I021/872	11:13:52	BB4	115.0	130.0	-10	.04	1	3	163.8	21.3
22I028/872	11:33:52	BB4	35.0	55.0	-10	.04	1	3	168.6	22.1
22I029/872	11:36:52	BB4	35.0	55.0	-10	.04	1	4	169.4	22.1
BOX 234 AZ 170 TO 180 EL 20 TO 30										
21D079/202	12:00:00	BB4	257.5	290.0	-10	.04	1	3	175.2	22.9
21D165/221	12:14:58	BB1	247.5	260.0	-50	.04	1	2	176.5	20.0
21E052/305	13:14:02	BB2	220.0	235.0	-30	.04	1	2	177.5	20.3
21I034/872	11:58:52	BB4	257.5	285.0	-10	.04	1	3	174.8	22.6
21I035/872	12:02:52	BB4	257.5	277.5	-10	.04	1	4	175.8	22.7
22C253/177	12:08:59	BB3	80.0	127.5	-30	.04	1	3	179.9	28.1
22D019/188	11:59:59	BB3	80.0	132.5	-30	.04	1	3	176.6	25.7
22D076/201	12:12:28	BB1	12.5	22.5	-30	.04	1	3	178.4	23.2
22D130/216	12:09:59	BB2	27.5	35.0	-20	.04	1	3	176.0	20.7

VL-2
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 234 AZ 170 TO 180 EL 20 TO 30										
22D131/216	12:12:59	BB2	90.0	100.0	-40	.04	1	3	176.7	20.7
BOX 235 AZ 180 TO 190 EL 20 TO 30										
21D168/221	12:44:58	BB4	235.0	257.5	-10	.04	1	2	183.7	20.0
21E054/305	13:44:02	BB4	260.0	280.0	-20	.04	1	2	184.8	20.2
21E134/353	13:44:03	BB4	260.0	280.0	-20	.04	1	3	182.1	28.6
22C254/177	12:14:29	BB2	127.5	162.5	-30	.04	1	3	181.3	28.1
22D080/202	12:34:58	BB1	127.5	135.0	0	.04	1	3	183.9	23.0
22D081/202	12:36:58	BB1	127.5	135.0	0	.04	1	2	184.4	22.9
22D167/221	12:34:58	BB4	110.0	130.0	-10	.04	1	2	181.3	20.1
22E135/353	13:59:03	BB4	35.0	55.0	-10	.04	1	3	186.1	28.4
BOX 236 AZ 190 TO 200 EL 20 TO 30										
21C201/161	13:14:59	BB2	217.5	222.5	-30	.04	1	3	199.2	29.9
21E080/317	14:29:02	BB4	212.5	235.0	-10	.04	1	2	194.6	20.8
21E120/341	14:29:03	BB4	212.5	235.0	-10	.04	1	3	194.0	25.2
21E139/353	14:44:03	BB4	280.0	300.0	-20	.04	1	3	198.0	26.9
22D041/193	13:09:59	BB3	140.0	160.0	-30	.04	1	3	193.9	23.6
22D042/193	13:12:59	BB3	175.0	190.0	-20	.04	1	3	194.7	23.5
22D046/195	13:09:59	BB2	102.5	112.5	-30	.04	1	3	193.6	23.3
BOX 237 AZ 200 TO 210 EL 20 TO 30										
21D009/184	13:59:59	BB4	110.0	180.0	0	.04	1	3	207.5	22.3
21H250/845	13:57:58	BB2	240.0	250.0	-30	.04	1	4	208.2	23.9
22C202/161	13:19:59	BB2	35.0	47.5	-20	.04	1	3	200.5	29.6
22C203/161	13:24:59	BB2	27.5	35.0	-20	.04	1	3	201.9	29.3
22D015/186	13:50:00	BB2	102.5	112.5	-30	.04	1	2	204.8	22.7
BOX 238 AZ 210 TO 220 EL 20 TO 30										
21C139/145	14:14:59	BB2	217.5	222.5	-30	.04	1	3	216.9	28.8
22C166/158	14:06:24	BB3	80.0	100.0	-20	.04	1	3	212.9	26.9
BOX 239 AZ 220 TO 230 EL 20 TO 30										
21C219/172	14:44:59	BB2	217.5	222.5	-30	.04	1	3	220.0	20.4
21C221/172	14:46:59	BB2	222.5	240.0	-30	.04	1	3	220.4	20.2
22C167/158	14:36:24	BB3	80.0	100.0	-20	.04	1	3	220.2	23.9
22C168/158	15:11:24	BB3	80.0	102.5	-20	.04	1	2	228.2	20.0
22C189/160	14:59:59	BB3	175.0	190.0	-20	.04	1	2	225.3	20.9
BOX 241 AZ 240 TO 250 EL 20 TO 30										
21F032/414	17:03:40	BB3	150.0	330.0	-20	.04	1	4	240.3	23.7
21F146/450	17:09:43	BB1	210.0	272.5	-50	.04	1	3	249.2	26.9
22F033/414	17:20:20	BB3	15.0	195.0	-20	.04	1	4	243.8	21.3
22H222/779	15:59:38	BB3	40.0	95.0	-10	.04	1	4	245.9	22.8
BOX 242 AZ 250 TO 260 EL 20 TO 30										
21F238/482	17:12:00	BB2	290.0	302.5	-30	.04	1	3	256.5	29.2
BOX 243 AZ 260 TO 270 EL 20 TO 30										
21A110/015	16:59:59	BB2	227.5	237.5	-30	.04	1	4	268.5	28.9

VL-2
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 243 AZ 260 TO 270 EL 20 TO 30										
21F243/484	17:54:11	BB3	220.0	270.0	-10	.04	1	3	265.0	22.5
22B211/051	17:20:00	BB4	265.0	305.0	-20	.04	1	4	268.9	20.9
22B212/051	17:25:00	BB1	7.5	17.5	-30	.04	1	4	269.8	20.0
22F242/484	17:49:03	BB3	37.5	87.5	-10	.04	1	3	264.1	23.3
BOX 244 AZ 270 TO 280 EL 20 TO 30										
21A024/003	17:49:00	BB3	270.0	297.5	-20	.04	1	4	277.9	22.2
21A032/004	17:30:00	BB2	275.0	305.0	-30	.04	1	4	274.5	25.2
21A044/006	17:30:00	BB2	232.5	275.0	-30	.04	1	4	274.4	25.0
21A061/008	17:45:59	BB1	275.0	282.5	-10	.04	1	3	277.1	22.2
21A075/010	17:29:59	BB3	217.5	265.0	-10	.04	1	4	274.2	24.6
21A111/015	17:54:59	BB3	285.0	315.0	-10	.04	1	4	278.2	20.0
21A127/017	17:29:58	BB4	60.0	75.0	0	.04	1	4	273.7	23.8
21A128/017	17:49:58	BB2	157.5	182.5	-30	.04	1	4	277.2	20.6
21A132/018	17:19:59	BB1	252.5	292.5	-50	.04	1	4	271.8	25.3
21A134/018	17:29:59	BB4	30.0	60.0	-10	.04	1	4	273.6	23.7
21A139/019	17:19:59	BB4	75.0	125.0	0	.04	1	4	271.8	25.2
21A142/019	17:41:59	BB4	125.0	165.0	10	.04	1	4	275.6	21.6
21A147/020	17:19:43	BB4	165.0	215.0	0	.04	1	4	271.6	25.1
21A149/020	17:37:43	BB4	215.0	260.0	0	.04	1	4	274.8	22.2
21A150/020	17:44:43	BB3	125.0	147.5	-10	.04	1	4	276.0	21.1
21A151/020	17:49:43	BB4	260.0	282.5	-10	.04	1	4	276.9	20.3
21A161/021	17:29:42	BB4	282.5	302.5	-10	.04	1	4	273.3	23.4
21A168/022	17:29:42	BB4	302.5	335.0	-10	.04	1	4	273.2	23.3
21A216/025	17:29:59	BB3	260.0	285.0	-20	.04	1	4	273.1	22.9
21B059/038	17:29:59	BB3	145.0	192.5	-10	.04	1	4	271.9	21.1
21G089/522	18:01:29	BB3	260.0	285.0	-20	.04	1	4	273.0	23.2
21G093/523	17:53:59	BB2	240.0	245.0	-30	.04	1	3	271.8	24.4
21G094/523	18:01:29	BB4	282.5	302.5	-10	.04	1	4	273.2	23.2
21G097/524	17:54:29	BB4	302.5	335.0	-10	.04	1	4	272.1	24.4
21G100/524	18:13:59	BB3	125.0	147.5	-10	.04	1	4	275.5	21.2
21G122/537	17:50:59	BB3	217.5	260.0	-10	.04	1	4	273.3	25.4
21G133/543	17:50:13	BB2	275.0	302.5	-30	.04	1	4	274.0	25.7
21G138/545	18:12:44	BB4	80.0	150.0	0	.04	1	4	278.1	22.1
21G139/546	18:06:20	BB3	270.0	297.5	-20	.04	1	4	277.2	23.1
21G155/553	17:47:59	BB2	232.5	275.0	-30	.04	1	4	274.8	26.2
21G200/559	17:54:59	BB2	255.0	270.0	-30	.04	1	4	276.7	25.2
21H034/595	17:56:59	BB2	290.0	300.0	-30	.04	1	4	279.8	24.9
22A005/000	17:29:59	BB2	80.0	127.5	-30	.04	1	4	274.8	25.6
22A011/001	17:29:59	BB3	60.0	145.0	-10	.04	1	4	274.7	25.5
22A046/006	17:40:00	BB2	37.5	47.5	-20	.04	1	4	276.2	23.4
22A093/013	17:19:59	BB3	145.0	182.5	-10	.04	1	4	272.2	25.9
22A103/014	17:29:59	BB2	157.5	182.5	-30	.04	1	4	273.9	24.2
22A104/014	17:53:59	BB4	182.5	230.0	-10	.04	1	4	278.1	20.3
22A118/016	17:17:59	BB4	10.0	67.5	0	.04	1	4	271.6	25.9
22A119/016	17:25:59	BB3	167.5	187.5	-30	.04	1	4	273.0	24.6
22A121/016	17:39:59	BB3	12.5	60.0	-20	.04	1	4	275.5	22.3
22A133/018	17:24:59	BB3	285.0	315.0	-10	.04	1	4	272.7	24.5
22A135/018	17:34:59	BB4	270.0	335.0	0	.04	1	4	274.5	22.9
22A140/019	17:27:59	BB4	235.0	272.5	0	.04	1	4	273.2	23.9
22A141/019	17:34:59	BB4	185.0	235.0	-10	.04	1	4	274.4	22.8
22A143/019	17:49:59	BB4	67.5	107.5	-10	.04	1	4	277.0	20.3
22A148/020	17:29:43	BB4	107.5	185.0	-10	.04	1	4	273.4	23.5
22A162/021	17:39:59	BB2	115.0	125.0	-30	.04	1	4	275.1	21.7
22B090/041	17:29:59	BB4	185.0	195.0	-20	.04	1	4	271.7	20.7
22B091/041	17:32:59	BB2	55.0	85.0	-30	.04	1	4	272.2	20.2
22G098/524	17:58:59	BB4	107.5	182.5	-10	.04	1	4	272.9	23.7
22G099/524	18:06:59	BB3	12.5	52.5	-20	.04	1	4	274.3	22.4
22G101/524	18:17:29	BB4	67.5	107.5	-10	.04	1	4	276.1	20.7
22G123/537	17:57:59	BB4	305.0	315.0	0	.04	1	4	274.6	24.2
22G137/545	17:44:15	BB4	260.0	332.5	0	.04	1	4	273.2	26.7
22G154/553	17:42:59	BB3	60.0	105.0	-10	.04	1	4	274.0	27.1
22G179/557	17:44:59	BB2	80.0	127.5	-30	.04	1	4	274.8	26.8
22G201/559	17:59:59	BB2	117.5	127.5	-30	.04	1	4	277.5	24.4

VL-2
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 244 AZ 270 TO 280 EL 20 TO 30										
22H033/595	17:54:59	BB2	97.5	107.5	-30	.04	1	4	279.4	25.2
BOX 245 AZ 280 TO 290 EL 20 TO 30										
22G235/589	18:26:44	BB4	125.0	190.0	-10	.04	1	4	284.4	20.2
22H086/629	17:59:59	BB3	32.5	50.0	-10	.04	1	4	281.0	23.4
BOX 260 AZ 70 TO 80 EL 10 TO 20										
22A095/014	06:05:59	BB1	55.0	130.0	-50	.04	1	3	75.7	14.5
BOX 261 AZ 80 TO 90 EL 10 TO 20										
21B008/032	06:29:59	BB4	45.0	75.0	0	.04	1	4	82.1	17.0
21B009/032	06:39:59	BB4	260.0	335.0	-10	.04	1	4	83.8	18.7
21B015/033	06:44:59	BB1	177.5	257.5	-50	.04	1	4	84.9	19.4
21B039/036	06:49:59	BB4	215.0	260.0	-10	.04	1	4	86.2	19.9
21B093/042	06:49:59	BB2	305.0	330.0	-40	.04	1	4	87.1	19.4
21B148/048	06:11:59	BB2	227.5	237.5	-30	.04	1	4	81.3	12.7
21B198/051	06:35:59	BB2	210.0	220.0	-30	.04	1	4	86.0	16.3
21B200/051	06:50:59	BB2	210.0	220.0	-30	.04	1	4	88.6	18.7
21B201/051	06:57:00	BB2	210.0	220.0	-30	.04	1	4	89.7	19.7
21G056/509	07:26:59	BB4	240.0	255.0	-10	.04	1	4	85.8	19.6
21G067/517	07:13:29	BB4	252.5	290.0	-10	.04	1	4	83.1	18.7
21G075/518	07:17:00	BB1	177.5	205.0	-50	.04	1	4	83.7	19.4
22A236/029	06:44:59	BB4	60.0	117.5	-10	.04	1	4	84.3	19.7
22A243/030	06:44:59	BB1	110.0	115.0	-50	.04	1	4	84.4	19.6
22B000/031	06:39:59	BB4	7.5	115.0	0	.04	1	4	83.7	18.7
22B025/034	06:45:00	BB2	10.0	20.0	-30	.04	1	4	85.0	19.3
22B061/039	06:45:00	BB2	15.0	90.0	-30	.04	1	4	85.7	18.9
22B149/048	06:13:59	BB2	37.5	47.5	-20	.04	1	4	81.6	13.0
22B199/051	06:37:59	BB2	22.5	32.5	-20	.04	1	4	86.3	16.6
22C033/057	06:50:20	BB1	115.0	125.0	-50	.04	1	4	89.5	18.0
22C034/057	06:52:45	BB1	115.0	125.0	-50	.04	1	4	89.9	18.4
22G068/517	07:18:14	BB4	60.0	117.5	-10	.04	1	4	83.9	19.4
BOX 262 AZ 90 TO 100 EL 10 TO 20										
21C036/057	07:01:57	BB3	315.0	335.0	-30	.04	1	4	91.6	19.9
22B230/054	06:59:00	BB4	115.0	130.0	-10	.04	7	2	90.6	19.7
22C035/057	06:55:12	BB1	115.0	125.0	-50	.04	1	4	90.4	18.8
BOX 263 AZ 100 TO 110 EL 10 TO 20										
21C077/111	06:59:59	BB4	60.0	62.5	-10	.04	1	4	100.7	12.1
21C078/111	07:01:59	BB4	140.0	142.5	0	.04	1	4	101.1	12.4
21C079/111	07:03:59	BB4	247.5	250.0	0	.04	1	4	101.5	12.8
21C080/111	07:05:59	BB3	212.5	215.0	-20	.04	1	4	101.8	13.1
21C081/111	07:07:59	BB1	255.0	257.5	-50	.04	1	4	102.2	13.4
21F089/429	08:24:58	BB1	255.0	257.5	-50	.04	1	3	101.3	13.8
22C082/111	07:09:59	BB4	112.5	115.0	0	.04	1	4	102.6	13.7
BOX 266 AZ 130 TO 140 EL 10 TO 20										
21C194/161	08:59:59	BB1	242.5	260.0	-50	.04	1	2	132.2	19.4
21C207/163	09:00:00	BB4	210.0	260.0	-10	.04	1	2	132.4	19.0
21D036/193	08:44:58	BB2	155.0	185.0	-20	.04	1	2	130.9	10.4
22D037/193	08:49:58	BB1	292.5	310.0	20	.04	1	2	131.9	11.0

VL-2
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 267 AZ 140 TO 150 EL 10 TO 20										
21D034/192	09:59:59	BB1	245.0	260.0	-50	.04	1	2	146.9	18.7
21D179/233	10:06:53	BB4	235.0	260.0	-10	.04	1	2	146.1	11.5
21I013/872	09:38:52	BB4	235.0	257.5	-10	.04	1	2	142.1	14.2
BOX 268 AZ 150 TO 160 EL 10 TO 20										
22D113/214	11:00:00	BB4	35.0	55.0	-10	.04	1	2	159.5	18.6
22E067/317	12:04:02	BB4	75.0	100.0	-10	.04	1	2	159.4	19.5
22I064/955	11:07:59	BB2	132.5	140.0	-30	.04	1	2	151.3	13.2
BOX 269 AZ 160 TO 170 EL 10 TO 20										
21D124/215	11:12:59	BB4	235.0	257.5	-10	.04	1	2	162.5	19.1
21D125/215	11:16:59	BB4	260.0	280.0	-20	.04	1	2	163.4	19.3
21D126/215	11:20:59	BB4	280.0	300.0	-20	.04	1	2	164.3	19.5
21D245/269	12:14:01	BB1	247.5	260.0	-50	.04	1	2	168.7	16.7
21E029/293	12:14:02	BB1	247.5	260.0	-50	.04	1	2	165.0	17.6
22D114/214	11:04:00	BB4	55.0	75.0	-10	.04	1	2	160.5	18.8
22D115/214	11:08:00	BB4	77.5	100.0	-10	.04	1	2	161.4	19.0
22D146/219	11:09:59	BB1	285.0	295.0	-20	.04	1	1	161.3	18.3
22D147/219	11:12:29	BB1	285.0	295.0	-20	.04	1	2	161.9	18.4
22D243/269	12:04:01	BB4	75.0	100.0	-10	.04	1	3	166.4	16.3
22E027/293	12:04:02	BB4	75.0	100.0	-10	.04	1	3	162.7	17.1
22E031/293	12:34:02	BB4	110.0	130.0	-10	.04	1	3	169.6	18.3
22I065/955	12:03:59	BB4	75.0	100.0	-10	.04	1	3	163.7	16.7
BOX 270 AZ 170 TO 180 EL 10 TO 20										
21D205/245	12:14:29	BB1	247.5	260.0	-50	.04	1	2	172.7	17.5
21D208/245	12:44:29	BB4	235.0	257.5	-10	.04	1	3	179.7	17.8
21D248/269	12:44:01	BB4	235.0	257.5	-10	.04	1	3	175.6	17.3
21E032/293	12:44:02	BB4	235.0	257.5	-10	.04	1	3	172.0	18.6
21I068/955	12:43:59	BB4	235.0	260.0	-10	.04	1	4	172.9	18.1
21I069/955	12:46:59	BB4	235.0	260.0	-10	.04	1	2	173.6	18.1
21I084/957	12:34:58	BB2	275.0	282.5	-30	.04	1	3	170.5	18.0
21I088/959	12:34:59	BB2	275.0	282.5	-30	.04	1	3	170.2	18.1
22D163/221	12:04:58	BB4	75.0	100.0	-10	.04	1	2	174.1	19.9
22D203/245	12:04:29	BB4	75.0	100.0	-10	.04	1	3	170.4	17.3
22D207/245	12:34:29	BB4	110.0	130.0	-10	.04	1	3	177.4	17.8
22D227/257	12:44:29	BB4	55.0	75.0	-10	.04	1	3	177.7	17.4
22D247/269	12:34:01	BB4	110.0	130.0	-10	.04	1	3	173.3	17.2
22E011/281	12:44:01	BB4	55.0	75.0	-10	.04	1	3	173.7	17.7
22E051/305	12:44:02	BB4	55.0	75.0	-10	.04	1	2	170.3	19.8
22I085/957	12:37:58	BB2	80.0	87.5	-30	.04	1	3	171.2	18.1
22I089/959	12:37:59	BB2	80.0	87.5	-30	.04	1	3	170.9	18.2
BOX 271 AZ 180 TO 190 EL 10 TO 20										
21D188/233	13:14:58	BB2	220.0	235.0	-30	.04	1	2	188.8	18.3
21D228/257	13:14:29	BB2	220.0	235.0	-30	.04	1	3	184.6	17.3
21E012/281	13:14:01	BB2	220.0	235.0	-30	.04	1	3	180.7	18.0
21E014/281	13:44:01	BB4	260.0	280.0	-20	.04	1	3	187.7	17.6
22D187/233	12:44:58	BB4	55.0	75.0	-10	.04	1	2	181.8	18.7
22E055/305	13:59:02	BB4	35.0	55.0	-10	.04	1	2	188.4	19.9
BOX 272 AZ 190 TO 200 EL 10 TO 20										
21D190/233	13:44:58	BB4	260.0	280.0	-20	.04	1	2	195.8	17.2
21D230/257	13:44:29	BB4	260.0	280.0	-20	.04	1	3	191.5	16.6
21E000/269	14:29:01	BB4	212.5	235.0	-10	.04	1	3	199.6	15.1
21E040/293	14:29:01	BB4	212.5	235.0	-10	.04	1	3	196.6	17.3

VL-2
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 272 AZ 190 TO 200 EL 10 TO 20										
21E059/305	14:44:02	BB4	280.0	300.0	-20	.04	1	3	198.9	18.2
21I078/955	13:57:59	BB2	240.0	250.0	-30	.04	1	4	190.2	17.7
21I079/955	13:59:59	BB2	240.0	250.0	-30	.04	1	2	190.7	17.7
22D191/233	13:59:58	BB4	35.0	55.0	-10	.04	1	2	199.2	16.5
22D231/257	13:59:29	BB4	35.0	55.0	-10	.04	1	3	194.9	16.0
22E015/281	13:59:01	BB4	35.0	55.0	-10	.04	1	3	191.2	17.2
BOX 273 AZ 200 TO 210 EL 10 TO 20										
21D176/221	14:29:58	BB4	212.5	235.0	-10	.04	1	2	208.0	15.3
21D195/233	14:44:58	BB4	280.0	300.0	-20	.04	1	2	209.1	13.5
21D216/245	14:29:28	BB4	212.5	235.0	-10	.04	1	3	203.6	14.3
21D235/257	14:44:29	BB4	280.0	300.0	-20	.04	1	2	204.9	13.5
21E019/281	14:44:01	BB4	280.0	300.0	-20	.04	1	2	201.3	15.2
21I047/872	13:57:59	BB2	230.0	260.0	-30	.04	1	3	203.9	19.5
21I091/959	15:03:12	BB3	190.0	310.0	-20	.04	1	3	204.5	15.0
21I092/959	15:15:08	BB3	190.0	310.0	-20	.04	1	2	207.2	14.2
22I094/960	15:12:35	BB4	15.0	165.0	-10	.04	1	3	206.5	14.5
22I095/960	15:26:58	BB4	15.0	165.0	-10	.04	1	2	209.6	13.4
BOX 274 AZ 210 TO 220 EL 10 TO 20										
21I086/958	15:32:00	BB1	282.5	287.5	0	.04	1	3	210.9	12.7
22I087/958	15:35:00	BB1	80.0	85.0	0	.04	1	3	211.5	12.4
BOX 275 AZ 220 TO 230 EL 10 TO 20										
21D043/193	15:14:59	BB2	155.0	185.0	-20	.04	1	2	222.8	13.9
22C210/170	15:00:00	BB2	117.5	132.5	-30	.04	1	2	223.7	19.1
22C211/170	15:03:00	BB2	117.5	132.5	-30	.04	5	2	224.3	18.8
22C212/170	15:06:00	BB2	117.5	132.5	-30	.04	9	2	225.0	18.4
22C213/170	15:09:00	BB2	117.5	132.5	-30	.04	13	2	225.7	18.1
22C214/170	15:12:00	BB2	117.5	132.5	-30	.04	17	2	226.3	17.7
22C222/172	14:50:59	BB2	27.5	35.0	-20	.04	1	3	221.3	19.7
22C223/172	14:52:59	BB2	35.0	47.5	-20	.04	1	3	221.8	19.5
BOX 276 AZ 230 TO 240 EL 10 TO 20										
22C169/158	15:46:24	BB3	80.0	102.5	-20	.04	1	2	235.6	15.5
22C178/159	15:59:59	BB3	145.0	157.5	-30	.04	1	2	238.2	13.4
BOX 277 AZ 240 TO 250 EL 10 TO 20										
21C141/145	16:19:59	BB3	190.0	215.0	-20	.04	1	2	244.6	13.1
21C163/154	16:10:20	BB1	282.5	290.0	-30	.04	1	2	241.2	12.8
21C180/159	16:14:59	BB4	57.5	60.0	-10	.04	1	2	241.2	11.3
22C170/158	16:21:24	BB3	80.0	102.5	-20	.04	1	2	242.6	10.5
BOX 278 AZ 250 TO 260 EL 10 TO 20										
22F034/414	18:19:29	BB1	67.5	162.5	-40	.04	1	3	255.6	12.2
BOX 279 AZ 260 TO 270 EL 10 TO 20										
21C031/056	17:27:59	BB2	280.0	290.0	-30	.04	1	4	269.8	18.8
21F248/486	18:13:59	BB2	262.5	290.0	-30	.04	1	4	269.1	19.4
22F189/474	18:19:08	BB3	60.0	87.5	-10	.04	1	3	267.7	17.8
22F249/486	18:18:42	BB2	77.5	95.0	-30	.04	1	4	269.9	18.6

VL-2
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 280 AZ 270 TO 280 EL 10 TO 20										
21A229/028	17:46:27	BB2	290.0	300.0	-30	.04	1	4	275.7	19.8
21A230/028	18:04:59	BB2	230.0	240.0	-20	.04	1	4	278.9	16.8
21B051/037	17:39:58	BB2	292.5	302.5	-30	.04	1	4	273.8	19.7
21B060/038	17:39:59	BB1	252.5	330.0	-50	.04	1	4	273.7	19.5
21B195/050	17:30:00	BB2	177.5	237.5	-30	.04	1	4	270.8	19.4
21B213/051	17:30:00	BB4	50.0	65.0	0	.04	1	4	270.7	19.2
21B214/051	17:35:00	BB2	305.0	335.0	-30	.04	1	3	271.6	18.4
21G102/524	18:23:49	BB4	260.0	282.5	-10	.04	1	4	277.2	19.6
22A163/021	17:54:59	BB2	127.5	157.5	-30	.04	1	4	277.7	19.3
22B215/051	17:45:00	BB1	45.0	165.0	-50	.04	1	3	273.4	16.8
22C032/056	17:30:59	BB2	85.0	95.0	-30	.04	1	4	270.3	18.3
22G109/526	18:22:59	BB2	137.5	157.5	-30	.04	1	4	277.4	19.8
BOX 281 AZ 280 TO 290 EL 10 TO 20										
21E112/341	12:44:03	BB4	235.0	257.5	-10	.04	1	3	283.3	12.7
21G053/508	18:54:12	BB3	255.0	307.5	-10	.04	1	2	280.0	14.0
21G054/508	19:19:06	BB3	187.5	257.5	-10	.04	1	2	284.3	10.1
21G231/583	18:48:00	BB3	242.5	260.0	-20	.04	1	4	287.6	16.9
21G243/592	18:44:59	BB3	242.5	260.0	-20	.04	1	4	287.6	17.3
22E091/329	12:44:03	BB4	55.0	75.0	-10	.04	1	3	284.1	14.2
22E111/341	12:34:03	BB4	110.0	130.0	-10	.04	1	3	281.6	14.3
22G076/518	18:51:29	BB3	72.5	130.0	-10	.04	1	2	281.1	14.9
BOX 299 AZ 100 TO 110 EL 0 TO 10										
22C120/141	06:59:59	BB1	160.0	162.5	-50	.04	1	2	105.7	6.7
22C121/141	07:01:59	BB3	190.0	192.5	-30	.04	1	2	106.0	7.0
22C122/141	07:03:59	BB4	212.5	215.0	-10	.04	1	2	106.4	7.3
22C123/141	07:05:59	BB4	322.5	325.0	0	.04	1	2	106.8	7.6
BOX 302 AZ 130 TO 140 EL 0 TO 10										
21D142/219	08:45:00	BB2	220.0	230.0	-30	.04	1	1	130.7	5.1
21D143/219	08:47:30	BB2	220.0	230.0	-30	.04	3	1	131.2	5.4
21D144/219	08:50:00	BB2	220.0	230.0	-30	.04	5	1	131.7	5.7
21D145/219	08:52:30	BB2	220.0	230.0	-30	.04	7	1	132.2	6.0
21D219/257	09:18:13	BB4	235.0	260.0	-10	.04	1	3	133.7	3.4
22D239/269	09:22:51	BB4	35.0	55.0	-10	.04	1	1	133.0	3.0
BOX 303 AZ 140 TO 150 EL 0 TO 10										
22D199/245	10:03:12	BB4	35.0	55.0	-10	.04	1	2	143.9	9.6
BOX 313 AZ 240 TO 250 EL 0 TO 10										
22C171/158	16:41:24	BB3	80.0	102.5	-20	.04	1	1	246.5	7.6
22C172/158	16:56:24	BB3	80.0	102.5	-20	.04	1	1	249.3	5.3
22C181/159	16:29:59	BB4	57.5	60.0	-10	.04	1	2	244.1	9.1
BOX 315 AZ 260 TO 270 EL 0 TO 10										
21C094/124	17:33:59	BB4	57.5	60.0	-10	.04	1	4	262.0	5.4
21F017/412	18:59:07	BB1	180.0	300.0	-40	.04	1	3	262.5	5.7
22C092/124	17:29:59	BB4	57.5	60.0	-10	.04	1	4	261.3	6.1
22C093/124	17:31:59	BB3	155.0	157.5	-30	.04	1	4	261.6	5.7
BOX 316 AZ 270 TO 280 EL 0 TO 10										

VL-2
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 316 AZ 270 TO 280 EL 0 TO 10										
22F134/447	19:10:47	BB1	55.0	162.5	-50	.04	1	1	271.7	7.3
BOX 318 AZ 290 TO 300 EL 0 TO 10										
21E094/329	13:44:03	BB4	260.0	280.0	-20	.04	1	3	294.4	5.0
22E095/329	13:59:03	BB4	35.0	55.0	-10	.04	1	3	297.1	2.8
22G131/542	20:14:52	BB4	95.0	190.0	-10	.04	1	3	298.6	3.2
BOX 319 AZ 300 TO 310 EL -0 TO 10										
21E099/329	14:44:03	BB4	280.0	300.0	-20	.04	1	3	305.2	.0
BOX 337 AZ 120 TO 130 EL -10 TO 00										
21E003/281	08:34:57	BB4	235.0	260.0	-10	.04	1	0	122.6	-3.8
22E023/293	08:34:04	BB4	35.0	55.0	-10	.04	1	0	120.6	-4.1

SURVEY CAMERA EVENTS

VL-2 Survey Camera Events

VL-2
SURVEY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22D073/200	11:26:59	SURV	82.5	82.5	-10	.04	1	3	167.2	22.5
22D166/221	12:31:58	SURV	100.0	100.0	-10	.04	1	2	180.5	20.1
22D182/233	11:02:59	SURV	297.5	297.5	-30	.04	1	2	158.1	15.8
22D206/245	12:31:29	SURV	100.0	100.0	-10	.04	1	3	176.7	17.8
22D246/269	12:31:01	SURV	100.0	100.0	-10	.04	1	3	172.6	17.1
22E006/281	11:02:01	SURV	297.5	297.5	-30	.04	1	3	150.9	12.7
22E030/293	12:31:02	SURV	100.0	100.0	-10	.04	1	3	168.9	18.2
22E046/305	11:02:02	SURV	297.5	297.5	-30	.04	1	2	147.1	13.7
22E070/317	12:31:02	SURV	100.0	100.0	-10	.04	1	3	165.8	20.9
22E086/329	11:02:03	SURV	297.5	297.5	-30	.04	1	2	143.7	16.3
22E110/341	12:31:03	SURV	100.0	100.0	-10	.04	1	3	281.1	14.8
22E126/353	11:02:04	SURV	297.5	297.5	-30	.04	1	2	140.9	20.1
22E150/365	12:31:04	SURV	100.0	100.0	-10	.04	1	3	162.0	29.4
21E205/388	14:05:39	SURV	305.0	330.0	-30	.12	1	4	189.6	35.6
21F156/453	12:49:59	SURV	235.0	242.5	-30	.12	1	4	171.1	49.5
22G146/553	10:14:59	SURV	10.0	325.0	-10	.12	1	4	119.7	51.9
21H067/626	17:38:38	!!!	80.0	307.5	-30	.12	1	4	277.4	27.0
21H070/628	16:16:11	!!!	80.0	307.5	-30	.12	1	4	262.5	40.3
22H071/628	16:37:27	!!!	15.0	242.5	-30	.12	1	4	266.6	36.9
21H091/630	14:57:57	!!!	80.0	307.5	-30	.12	1	4	244.5	52.5
22H092/630	15:19:13	!!!	15.0	242.5	-30	.12	1	4	250.0	49.3
21H100/632	13:26:59	!!!	80.0	307.5	-30	.12	1	4	212.1	63.6
22H101/632	13:48:59	!!!	15.0	242.5	-30	.12	1	4	221.6	61.5
21H117/664	15:38:45	!!!	80.0	307.5	-30	.12	1	4	253.5	44.0
21H130/669	11:58:52	!!!	80.0	307.5	-30	.12	1	4	169.2	63.5
22H131/669	12:20:08	!!!	15.0	242.5	-30	.12	1	4	180.0	63.9
22H147/701	14:21:40	!!!	15.0	242.5	-30	.12	1	4	230.4	50.7
21H161/706	10:40:19	!!!	80.0	307.5	-30	.12	1	4	140.9	53.8
22H162/706	11:01:35	!!!	15.0	242.5	-30	.12	1	4	148.8	55.8
22H179/738	12:44:08	!!!	15.0	242.5	-30	.12	1	4	193.8	52.6
21H193/743	09:13:40	!!!	80.0	307.5	-30	.12	1	4	122.2	38.1
22H194/743	09:34:56	!!!	15.0	242.5	-30	.12	1	4	127.7	40.9
21H212/775	11:14:35	!!!	80.0	307.5	-30	.12	1	4	163.1	43.9

VISUAL COLOR AND INFRARED TRIPLET CAMERA EVENTS

VL-2 Visual Color and Infrared Triplet Camera Events

VL-2
VISUAL COLOR AND INFRARED TRIPLET CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22C107/132	06:24:59	CLR	87.5	145.0	10	.12	1	5	97.8	2.8
22C109/132	07:19:59	CLR	95.0	155.0	10	.12	1	5	108.0	11.5
22C113/132	08:24:59	CLR	107.5	167.5	10	.12	1	5	121.1	21.1
22C114/132	09:39:59	CLR	122.5	182.5	10	.12	1	5	138.5	30.5
22C115/132	09:59:59	CLR	305.0	310.0	-10	.12	1	4	143.7	32.6
22C116/132	10:49:59	CLR	145.0	200.0	10	.12	1	5	157.6	36.6
22C117/132	10:59:59	CLR	315.0	330.0	-30	.12	1	5	160.6	37.2
22C118/132	12:24:59	CLR	172.5	227.5	10	.12	1	5	186.8	38.7
21C173/159	12:59:59	CLR	22.5	205.0	-20	.12	1	3	195.3	31.1
21C174/159	13:19:59	CLR	205.0	270.0	-20	.12	1	4	200.8	30.1
21C175/159	13:29:59	CLR	270.0	335.0	-30	.12	1	3	203.4	29.5
22C205/162	13:30:00	CLR	315.0	330.0	-30	.12	1	4	203.1	28.8
22C215/172	11:19:59	CLR	285.0	310.0	-20	.12	1	4	167.0	28.4
22C234/173	14:07:35	CLR	195.0	255.0	10	.12	1	5	211.1	23.8
22C235/173	14:14:35	IR	197.5	257.5	10	.12	1	5	212.7	23.1
21C244/173	15:31:59	CLR	210.0	307.5	-20	.12	1	2	230.0	14.8
21D017/188	11:29:59	CLR	215.0	300.0	-30	.12	1	3	168.9	25.1
22D030/190	10:47:00	CLR	285.0	310.0	-20	.12	1	4	158.0	22.6
22D038/193	10:59:58	CLR	285.0	310.0	-10	.12	1	3	161.1	22.7
21D049/198	11:00:00	CLR	245.0	330.0	-30	.12	1	3	160.8	21.7
22D064/199	12:57:48	CLR	177.5	235.0	10	.12	1	5	190.0	23.0
22D065/199	13:04:49	IR	180.0	237.5	10	.12	1	5	191.8	22.8
22D068/200	10:59:59	CLR	270.0	315.0	-10	.12	1	3	160.6	21.3
22D088/205	13:24:48	CLR	175.0	235.0	-10	.12	1	3	195.8	21.1
22D089/205	14:02:58	CLR	15.0	115.0	-20	.12	1	4	204.8	18.9
21D092/206	11:00:00	CLR	305.0	330.0	-30	.12	1	3	160.2	20.1
22D093/207	09:41:29	CLR	162.5	187.5	10	.12	1	5	142.5	13.7
22D095/207	11:22:48	CLR	75.0	140.0	-30	.12	1	3	165.6	21.0
21D097/208	08:59:59	CLR	182.5	187.5	-10	.12	1	3	134.0	9.0
22D098/208	09:04:59	IR	85.0	90.0	-20	.12	1	3	135.0	9.6
21D099/208	10:29:59	CLR	182.5	187.5	-10	.12	1	3	153.1	17.7
22D100/208	10:34:59	IR	85.0	90.0	-20	.12	1	3	154.3	18.1
21D102/208	11:59:59	CLR	182.5	187.5	-10	.12	1	3	174.5	21.8
22D103/208	12:04:59	IR	85.0	90.0	-20	.12	1	3	175.8	21.9
21D104/208	13:59:59	CLR	182.5	187.5	-10	.12	1	3	203.6	18.7
22D105/208	14:04:59	IR	85.0	90.0	-20	.12	1	3	204.7	18.4
21D106/208	15:29:59	CLR	182.5	187.5	-10	.12	1	3	223.1	10.6
22D107/208	15:34:59	IR	85.0	90.0	-20	.12	1	3	224.1	10.1
22D116/214	11:12:00	CLR	297.5	305.0	-10	.12	1	3	162.3	19.2
21D119/215	10:59:59	CLR	220.0	227.5	-20	.12	1	2	159.4	18.4
21D120/215	11:02:59	CLR	220.0	227.5	-20	.12	4	2	160.1	18.6
21D121/215	11:05:59	CLR	220.0	227.5	-20	.12	8	2	160.8	18.7
21D122/215	11:08:59	CLR	220.0	227.5	-20	.12	12	2	161.5	18.9
21D128/216	09:59:59	CLR	72.5	80.0	0	.12	1	3	146.0	13.7
22D134/218	12:45:00	CLR	177.5	227.5	10	.12	1	5	184.1	20.4
22D135/218	12:52:00	CLR	205.0	230.0	10	.12	16	5	185.8	20.3
22D136/218	12:59:00	CLR	180.0	230.0	10	.12	1	4	187.5	20.1
22D137/218	13:06:00	CLR	207.5	232.5	10	.12	15	4	189.2	20.0
22D138/218	13:13:00	CLR	215.0	235.0	10	.12	30	4	190.8	19.8
21D160/221	10:59:59	CLR	72.5	80.0	0	.12	1	3	158.8	17.4
22D180/233	10:32:27	CLR	115.0	135.0	-30	.12	1	3	151.4	13.7
22D181/233	10:59:59	CLR	297.5	305.0	-10	.12	1	3	157.5	15.6
21D198/245	09:37:38	CLR	260.0	285.0	-20	.12	1	3	138.9	7.0
21D200/245	10:59:29	CLR	72.5	80.0	0	.12	1	3	155.8	14.2
22D220/257	09:43:47	CLR	115.0	135.0	-30	.12	1	2	138.6	6.3
21D238/269	08:57:17	CLR	260.0	285.0	-20	.12	1	1	128.3	-.1
21D240/269	10:59:01	CLR	72.5	80.0	0	.12	1	3	152.1	12.6
22E004/281	09:00:30	CLR	115.0	135.0	-30	.12	1	0	127.1	-.3
22E005/281	10:59:01	CLR	297.5	305.0	-10	.12	1	3	150.2	12.4
21E022/293	08:08:30	CLR	260.0	285.0	-20	.12	1	0	116.2	-7.8
21E024/293	10:59:02	CLR	72.5	80.0	0	.12	1	2	148.4	12.7
21E043/305	07:41:05	IR	235.0	260.0	10	.12	1	0	109.6	-11.0
22E044/305	08:06:38	CLR	115.0	135.0	10	.12	1	0	113.9	-8.0
22E045/305	10:59:02	CLR	297.5	305.0	-10	.12	1	2	146.5	13.4
21E062/317	07:15:24	CLR	260.0	285.0	10	.12	1	0	103.2	-15.0
22E063/317	07:40:58	IR	275.0	295.0	10	.12	1	0	107.5	-11.0
21E064/317	10:59:02	CLR	72.5	80.0	0	.12	1	2	144.7	14.6
21E083/329	06:51:09	IR	235.0	260.0	10	.12	1	0	96.9	-18.0
22E084/329	07:16:43	CLR	115.0	135.0	10	.12	1	0	101.4	-14.0
22E085/329	10:59:03	CLR	302.5	310.0	-10	.12	1	2	143.1	16.0

VL-2
VISUAL COLOR AND INFRARED TRIPLET CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22E092/329	13:13:59	IR	302.5	317.5	-10	.12	1	2	289.3	9.5
21E102/341	06:22:46	CLR	260.0	285.0	10	.12	1	0	176.8	60.5
22E103/341	06:48:19	IR	275.0	295.0	10	.12	1	0	188.7	60.3
21E104/341	10:59:03	CLR	72.5	80.0	0	.12	1	2	264.7	29.8
21E107/341	12:03:59	CLR	32.5	57.5	-20	.12	1	2	276.4	19.2
21E109/341	12:14:03	IR	32.5	45.0	-10	.12	1	2	278.2	17.5
21E123/353	05:36:12	IR	235.0	260.0	10	.12	1	0	79.0	-27.0
22E124/353	06:01:46	CLR	115.0	135.0	10	.12	1	0	83.9	-23.0
22E125/353	10:59:04	CLR	302.5	310.0	-10	.12	1	2	140.2	19.8
22E132/353	13:13:59	IR	302.5	317.5	-10	.12	1	2	174.0	28.4
21E142/365	05:10:26	CLR	260.0	285.0	10	.12	1	0	71.9	-30.0
22E143/365	05:35:59	IR	275.0	295.0	10	.12	1	0	77.1	-26.0
21E144/365	10:59:01	CLR	72.5	80.0	0	.12	1	2	139.0	22.0
21E147/365	12:04:00	CLR	32.5	57.5	-20	.12	1	2	154.9	27.8
21E149/365	12:14:04	IR	32.5	45.0	-10	.12	1	2	157.5	28.5
21E163/377	04:44:52	IR	235.0	260.0	10	.12	1	0	64.7	-31.0
22E164/377	05:10:03	CLR	115.0	135.0	10	.12	1	0	70.1	-28.0
22E169/377	12:31:34	CLR	285.0	310.0	-10	.12	1	4	161.8	32.0
21E187/382	09:29:59	CLR	222.5	227.5	-30	.12	1	3	118.2	14.0
21E189/382	10:15:00	CLR	222.5	227.5	-30	.12	1	4	127.6	20.2
21E191/382	11:00:00	CLR	222.5	227.5	-30	.12	1	3	137.8	25.6
21E192/382	11:43:00	CLR	222.5	227.5	-30	.12	1	4	148.5	29.8
21E193/382	11:45:00	IR	222.5	227.5	-30	.12	1	4	149.1	30.0
21E194/382	13:00:00	CLR	222.5	227.5	-30	.12	1	4	169.9	34.3
21E195/382	13:02:00	CLR	222.5	227.5	-30	.12	1	3	170.4	34.3
21E196/382	13:45:00	CLR	222.5	227.5	-30	.12	1	4	183.0	34.7
22E208/389	09:59:59	CLR	27.5	47.5	-10	.12	1	4	123.7	19.6
22E209/389	10:03:29	IR	27.5	47.5	-10	.12	1	4	124.5	20.1
22E211/389	11:29:59	CLR	305.0	310.0	-10	.12	1	4	144.8	30.1
22E212/389	11:31:59	IR	305.0	310.0	-10	.12	1	4	145.3	30.3
21E214/389	12:59:59	CLR	222.5	227.5	-30	.12	1	3	170.0	35.8
21E215/389	13:01:59	CLR	222.5	227.5	-30	.12	1	4	170.6	35.9
21E224/396	21:30:29	IR	235.0	260.0	10	.12	1	0	287.4	-20.0
22E230/400	11:24:58	CLR	305.0	310.0	-10	.12	1	4	143.0	32.1
22E246/406	11:15:43	CLR	130.0	140.0	-30	.12	1	4	140.3	32.5
22E247/406	11:23:43	CLR	305.0	310.0	-10	.12	1	4	142.5	33.3
22E248/406	11:28:43	IR	305.0	310.0	-10	.12	1	4	143.8	33.8
22E249/406	11:33:43	IR	130.0	140.0	-30	.12	1	4	145.1	34.3
22E250/406	11:38:30	CLR	207.5	247.5	10	.12	8	5	146.5	34.7
22F011/410	11:15:00	CLR	290.0	310.0	-10	.12	1	4	140.0	33.3
22F012/410	11:20:00	IR	290.0	310.0	-10	.12	1	4	141.3	33.9
22F013/410	11:25:00	IR	32.5	42.5	-20	.12	1	4	142.7	34.4
22F014/410	11:30:00	CLR	32.5	42.5	-20	.12	1	4	144.0	34.9
22F015/410	14:00:00	CLR	317.5	327.5	-30	.12	1	4	190.1	40.4
21F024/414	12:28:00	CLR	35.0	40.0	-10	.12	1	4	161.0	40.1
21F025/414	12:30:00	IR	35.0	40.0	-10	.12	1	4	161.6	40.2
21F026/414	12:32:00	CLR	52.5	60.0	-10	.12	1	4	162.2	40.4
21F027/414	12:34:00	IR	52.5	60.0	-10	.12	1	4	162.9	40.4
22F028/414	12:36:00	CLR	272.5	280.0	-10	.12	1	4	163.5	40.5
22F029/414	12:38:00	IR	272.5	280.0	-10	.12	1	4	164.1	40.6
22F030/414	12:40:00	CLR	285.0	310.0	-10	.12	1	4	164.7	40.7
22F031/414	12:43:25	IR	285.0	310.0	-10	.12	1	4	165.8	40.9
22F068/426	08:03:00	IR	192.5	195.0	10	.12	1	4	97.5	9.6
22F069/426	08:04:30	CLR	192.5	195.0	10	.12	1	4	97.7	9.9
22F071/426	09:02:59	IR	202.5	205.0	10	.12	1	5	108.9	19.1
22F072/426	09:04:29	CLR	202.5	205.0	10	.12	5	5	109.2	19.4
22F073/426	10:02:59	IR	215.0	217.5	10	.12	5	5	121.6	28.0
22F074/426	10:04:29	CLR	215.0	217.5	10	.12	5	5	121.9	28.2
22F076/426	11:02:59	IR	227.5	230.0	10	.12	5	5	136.3	35.6
22F077/426	11:04:29	CLR	227.5	230.0	10	.12	5	5	136.7	35.8
22F078/426	12:02:59	IR	242.5	245.0	10	.12	5	5	153.5	41.3
22F079/426	12:04:29	CLR	242.5	245.0	10	.12	5	5	154.0	41.4
22F080/426	14:09:29	CLR	202.5	205.0	10	.12	5	5	195.5	43.3
22F081/426	16:13:59	IR	242.5	245.0	10	.12	5	5	231.4	32.0
22F082/426	16:15:29	CLR	242.5	245.0	10	.12	5	5	231.7	31.8
22F085/426	18:07:59	IR	270.0	272.5	10	.12	1	5	255.8	15.4
22F086/426	18:09:29	CLR	270.0	272.5	10	.12	1	5	256.1	15.2
22F138/449	10:59:59	CLR	305.0	310.0	-10	.12	1	4	134.8	40.3
22F139/449	11:02:29	IR	305.0	310.0	-10	.12	1	4	135.5	40.6
22F140/449	11:03:59	CLR	97.5	165.0	-30	.12	1	4	135.9	40.8

VL-2

VISUAL COLOR AND INFRARED TRIPLET CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22F141/449	11:10:59	IR	142.5	165.0	-30	.12	1	4	137.9	41.6
21F142/449	12:44:59	CLR	235.0	260.0	-20	.12	1	4	168.8	48.5
22F143/449	13:29:59	CLR	287.5	315.0	-30	.12	1	4	185.4	48.9
21F144/449	14:01:59	CLR	260.0	287.5	-30	.12	1	4	196.9	47.9
22F173/466	11:00:00	CLR	305.0	310.0	-10	.12	1	4	134.5	43.9
22F174/466	11:02:00	IR	305.0	310.0	-10	.12	1	4	135.1	44.2
22F175/466	13:09:00	CLR	117.5	135.0	-30	.12	1	4	180.0	52.2
22F176/466	13:27:00	CLR	135.0	152.5	-30	.12	1	4	187.0	52.1
22F226/481	10:59:59	CLR	305.0	310.0	-10	.12	1	4	134.3	46.9
22F227/481	11:01:59	IR	305.0	310.0	-10	.12	1	4	134.9	47.1
22F231/481	13:03:59	CLR	115.0	135.0	-30	.12	1	4	180.2	54.9
22F232/481	13:19:59	CLR	135.0	152.5	-30	.12	1	4	186.8	54.7
22G007/488	11:59:59	CLR	127.5	167.5	-30	.12	1	4	155.0	53.9
22G014/491	12:59:59	CLR	287.5	315.0	-20	.12	1	4	180.1	56.6
21G104/525	13:35:53	CLR	130.0	265.0	-20	.12	1	4	202.3	59.9
22G105/525	13:48:35	CLR	75.0	172.5	-30	.12	1	4	207.8	59.0
22G107/526	13:02:00	CLR	140.0	165.0	-30	.12	1	4	186.8	61.4
22G108/526	13:13:00	IR	140.0	165.0	-30	.12	1	4	192.0	61.1
22G120/537	12:54:04	CLR	285.0	315.0	0	.12	1	4	184.7	62.8
22G121/537	13:09:08	IR	285.0	315.0	0	.12	1	4	192.2	62.4
22G130/542	19:55:21	IR	90.0	120.0	-30	.12	1	3	295.2	6.0
22G144/552	19:47:09	CLR	90.0	165.0	-30	.12	1	3	294.9	7.5
22G151/553	15:04:59	CLR	15.0	80.0	0	.12	1	4	240.2	52.0
22G152/553	15:14:59	CLR	155.0	187.5	0	.12	1	4	242.9	50.5
22G157/554	10:04:11	CLR	285.0	295.0	-20	.12	1	4	116.7	50.5
22G158/554	10:06:00	IR	285.0	295.0	-20	.12	1	4	117.2	50.7
22G176/557	15:19:59	CLR	80.0	165.0	-20	.12	1	4	244.9	49.9
22G190/559	10:14:59	CLR	305.0	310.0	-10	.12	1	4	119.6	52.5
22G191/559	10:16:29	IR	305.0	310.0	-10	.12	1	4	120.0	52.7
22G192/559	12:59:59	CLR	85.0	95.0	-20	.12	1	4	191.2	64.5
22G193/559	13:01:49	IR	85.0	95.0	-20	.12	1	4	192.1	64.5
22G194/559	13:03:39	IR	117.5	127.5	-30	.12	1	4	193.1	64.4
22G195/559	13:05:29	CLR	117.5	127.5	-30	.12	1	4	194.0	64.3
22G196/559	13:44:59	CLR	12.5	22.5	-30	.12	1	4	212.8	61.7
22G197/559	13:46:49	IR	12.5	22.5	-30	.12	1	4	213.6	61.6
21G198/559	17:41:59	CLR	22.5	25.0	-10	.12	1	3	274.4	27.3
21G199/559	17:43:19	IR	22.5	25.0	-10	.12	1	3	274.7	27.1
21G203/559	18:51:59	CLR	215.0	225.0	-30	.12	1	3	286.3	16.1
21G204/559	18:53:59	IR	215.0	225.0	-30	.12	1	3	286.6	15.8
21G205/559	19:16:59	CLR	22.5	25.0	-10	.12	1	3	290.5	12.2
21G206/559	19:18:19	IR	22.5	25.0	-10	.12	1	3	290.7	12.0
21G207/559	19:23:59	CLR	215.0	225.0	-30	.12	1	3	291.7	11.2
21G208/559	19:25:59	IR	215.0	225.0	-30	.12	1	3	292.0	10.9
21G209/559	19:43:59	CLR	215.0	225.0	-30	.12	1	3	295.0	8.2
21G210/559	19:45:59	IR	215.0	225.0	-30	.12	1	3	295.4	7.9
22G251/593	08:44:59	CLR	305.0	310.0	-10	.12	1	4	98.1	41.0
22G252/593	08:46:29	CLR	332.5	335.0	10	.12	1	4	98.4	41.3
22H002/593	08:51:59	CLR	332.5	335.0	10	.12	1	4	99.5	42.2
22H003/593	08:53:14	CLR	305.0	310.0	-10	.12	1	4	99.8	42.4
22H016/595	08:45:00	CLR	305.0	310.0	-10	.12	1	4	98.1	41.1
22H017/595	08:46:30	IR	305.0	310.0	-10	.12	1	4	98.4	41.4
22H023/595	11:59:59	CLR	40.0	50.0	-30	.12	1	4	162.8	65.9
22H024/595	12:02:24	IR	40.0	50.0	-30	.12	1	4	164.1	66.0
22H026/595	12:14:59	CLR	312.5	332.5	-30	.12	1	4	171.0	66.5
22H027/595	12:17:44	IR	312.5	332.5	-30	.12	1	4	172.5	66.6
21H041/598	11:49:12	CLR	115.0	320.0	-20	.12	1	4	157.5	65.4
22H078/629	09:10:58	IR	305.0	310.0	-10	.12	1	4	105.0	46.0
22H079/629	09:12:28	CLR	305.0	310.0	-10	.12	1	4	105.3	46.3
22H084/629	12:24:58	IR	102.5	155.0	-30	.12	1	4	179.5	66.5
22H085/629	12:31:33	CLR	102.5	155.0	-30	.12	1	4	183.2	66.5
22H093/631	04:06:31	CLR	95.0	185.0	0	.12	1	4	51.0	.0
21H121/667	09:59:59	CLR	210.0	235.0	-30	.12	1	4	121.5	52.4
21H124/667	11:44:59	CLR	35.0	60.0	-10	.12	1	4	162.1	63.2
22H152/704	09:59:59	CLR	90.0	115.0	-30	.12	1	4	127.5	49.3
22H155/704	11:44:59	CLR	285.0	310.0	-10	.12	1	4	166.6	58.8
22H160/706	09:58:11	CLR	172.5	215.0	0	.12	1	4	127.3	48.9
21H184/741	09:59:59	CLR	210.0	235.0	-30	.12	1	4	134.3	44.3
21H187/741	11:44:58	CLR	35.0	60.0	-10	.12	1	4	170.6	52.3
22H216/778	09:59:59	CLR	90.0	115.0	-30	.12	1	4	140.7	37.5
22H220/778	11:44:59	CLR	285.0	310.0	-10	.12	1	4	173.5	44.2

VL-2

VISUAL COLOR AND INFRARED TRIPLET CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
21H245/828	13:19:58	CLR	215.0	232.5	-30	.12	1	4	200.7	30.0
21I004/871	11:00:59	CLR	230.0	302.5	-30	.12	1	3	160.7	20.8
22I007/872	08:28:52	CLR	182.5	185.0	10	.12	1	3	128.0	6.2
22I008/872	08:30:22	IR	182.5	185.0	10	.12	1	3	128.2	6.3
22I009/872	08:31:52	CLR	182.5	185.0	10	.12	1	5	128.5	6.5
22I010/872	08:33:22	IR	182.5	185.0	10	.12	1	5	128.8	6.7
22I018/872	10:58:52	CLR	280.0	310.0	-10	.12	1	3	160.2	20.5
22I019/872	11:04:52	CLR	295.0	310.0	-10	.12	1	2	161.6	20.8
21I056/873	12:58:58	CLR	80.0	307.5	-30	.12	1	3	189.6	22.1
22I057/874	12:29:59	CLR	300.0	310.0	-20	.12	1	3	182.3	22.4
22I058/886	12:30:00	CLR	300.0	310.0	-20	.12	1	3	180.6	20.6
22I059/898	12:30:00	CLR	300.0	310.0	-20	.12	1	3	178.8	19.1
22I060/910	12:29:59	CLR	300.0	310.0	-20	.12	1	3	176.9	18.0
22I061/922	12:30:00	CLR	300.0	310.0	-20	.12	1	3	175.0	17.3
22I062/934	12:30:00	CLR	300.0	310.0	-20	.12	1	3	173.0	17.1
22I063/946	12:29:59	CLR	300.0	310.0	-20	.12	1	3	171.1	17.3
22I066/955	12:29:59	CLR	285.0	310.0	-20	.12	1	3	169.7	17.7
22I067/955	12:32:59	CLR	285.0	310.0	-20	.12	1	4	170.4	17.8
21I090/959	14:30:31	CLR	190.0	310.0	-20	.12	1	2	197.2	16.9
21I093/960	14:37:57	CLR	190.0	310.0	-20	.12	1	3	198.8	16.7

VISUAL COLOR TRIPLET, IR TRIPLET, AND SURVEY CAMERA EVENTS SORTED BY SUN AZIMUTH/ELEVATION

VL-2 Visual Color Triplet, IR Triplet, and Survey Camera Events Sorted by Sun Azimuth/Elevation

VL-2
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 88 AZ 150 TO 160 EL 70 TO 60										
21H041/598	11:49:12	CLR	115.0	320.0	-20	.12	1	4	157.5	65.4
BOX 89 AZ 160 TO 170 EL 70 TO 60										
21H124/667	11:44:59	CLR	35.0	60.0	-10	.12	1	4	162.1	63.2
22H023/595	11:59:59	CLR	40.0	50.0	-30	.12	1	4	162.8	65.9
22H024/595	12:02:24	IR	40.0	50.0	-30	.12	1	4	164.1	66.0
BOX 90 AZ 170 TO 180 EL 70 TO 60										
21A082/012	11:59:59	CLR	197.5	287.5	-30	.12	1	4	170.9	62.3
21A084/012	12:14:59	CLR	287.5	322.5	-10	.12	1	4	178.3	62.6
21A116/016	11:59:59	CLR	287.5	327.5	-10	.12	1	4	171.3	61.9
21A187/023	12:14:55	CLR	202.5	282.5	-30	.12	1	4	179.1	61.2
21A210/025	12:12:02	CLR	25.0	65.0	-10	.12	1	4	177.9	60.9
21A211/025	12:15:51	IR	25.0	65.0	-10	.12	1	4	179.7	60.9
21E102/341	06:22:46	CLR	260.0	285.0	10	.12	1	0	176.8	60.5
22H026/595	12:14:59	CLR	312.5	332.5	-30	.12	1	4	171.0	66.5
22H027/595	12:17:44	IR	312.5	332.5	-30	.12	1	4	172.5	66.6
22H084/629	12:24:58	IR	102.5	155.0	-30	.12	1	4	179.5	66.5
BOX 91 AZ 180 TO 190 EL 70 TO 60										
21A188/023	12:22:18	IR	202.5	282.5	-30	.12	1	4	182.7	61.1
21A189/023	12:29:41	SURV	202.5	282.5	-30	.12	1	4	186.2	61.1
21A212/025	12:19:40	SURV	25.0	65.0	-10	.12	1	4	181.5	60.9
21A213/025	12:22:45	CLR	120.0	250.0	-20	.12	1	4	183.0	60.9
21A214/025	12:34:34	IR	120.0	250.0	-20	.12	1	4	188.6	60.7
22A158/021	12:17:02	CLR	155.0	327.5	0	.12	1	4	180.0	61.4
22A159/021	12:32:38	IR	155.0	327.5	0	.12	1	4	187.5	61.3
22A190/023	12:33:58	CLR	75.0	165.0	-30	.12	1	4	188.2	61.0
22E103/341	06:48:19	IR	275.0	295.0	10	.12	1	0	188.7	60.3
22G107/526	13:02:00	CLR	140.0	165.0	-30	.12	1	4	186.8	61.4
22G120/537	12:54:04	CLR	285.0	315.0	0	.12	1	4	184.7	62.8
22H085/629	12:31:33	CLR	102.5	155.0	-30	.12	1	4	183.2	66.5
BOX 92 AZ 190 TO 200 EL 70 TO 60										
21A215/025	12:46:23	SURV	120.0	250.0	-20	.12	1	4	194.0	60.3
22A021/003	12:52:11	SURV	132.5	142.5	-30	.12	1	4	196.3	62.8
22A035/005	12:52:11	SURV	132.5	142.5	-30	.12	1	4	196.3	62.6
22A043/006	12:52:12	SURV	132.5	142.5	-30	.12	1	4	196.3	62.5
22A051/007	12:52:11	SURV	132.5	142.5	-30	.12	1	4	196.4	62.4
22A160/021	12:49:52	SURV	155.0	327.5	0	.12	1	4	195.6	60.7
22A191/023	12:42:14	IR	75.0	165.0	-30	.12	1	4	192.1	60.7
22A192/023	12:50:30	SURV	75.0	165.0	-30	.12	1	4	195.9	60.4
22G108/526	13:13:00	IR	140.0	165.0	-30	.12	1	4	192.0	61.1
22G121/537	13:09:08	IR	285.0	315.0	0	.12	1	4	192.2	62.4
22G192/559	12:59:59	CLR	85.0	95.0	-20	.12	1	4	191.2	64.5
22G193/559	13:01:49	IR	85.0	95.0	-20	.12	1	4	192.1	64.5
22G194/559	13:03:39	IR	117.5	127.5	-30	.12	1	4	193.1	64.4
22G195/559	13:05:29	CLR	117.5	127.5	-30	.12	1	4	194.0	64.3
BOX 94 AZ 210 TO 220 EL 70 TO 60										
22G196/559	13:44:59	CLR	12.5	22.5	-30	.12	1	4	212.8	61.7
22G197/559	13:46:49	IR	12.5	22.5	-30	.12	1	4	213.6	61.6
BOX 120 AZ 110 TO 120 EL 60 TO 50										

VL-2
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 120 AZ 110 TO 120 EL 60 TO 50										
22G146/553	10:14:59	SURV	10.0	325.0	-10	.12	1	4	119.7	51.9
22G157/554	10:04:11	CLR	285.0	295.0	-20	.12	1	4	116.7	50.5
22G158/554	10:06:00	IR	285.0	295.0	-20	.12	1	4	117.2	50.7
22G190/559	10:14:59	CLR	305.0	310.0	-10	.12	1	4	119.6	52.5
BOX 121 AZ 120 TO 130 EL 60 TO 50										
21A196/024	10:09:59	CLR	55.0	60.0	-10	.12	1	4	128.5	51.8
21H121/667	09:59:59	CLR	210.0	235.0	-30	.12	1	4	121.5	52.4
22A002/000	09:55:33	SURV	10.0	325.0	-10	.12	1	4	120.4	51.6
22G191/559	10:16:29	IR	305.0	310.0	-10	.12	1	4	120.0	52.7
BOX 122 AZ 130 TO 140 EL 60 TO 50										
21A157/021	10:37:40	SURV	10.0	40.0	-20	.12	1	4	137.1	55.4
22B027/034	10:30:00	CLR	285.0	290.0	-10	.12	1	4	136.7	53.1
22B111/044	10:29:59	SURV	285.0	290.0	-10	.12	1	4	138.5	51.9
22B112/044	10:32:59	CLR	285.0	290.0	-10	.12	1	4	139.5	52.2
22B129/046	10:29:59	SURV	285.0	290.0	-10	.12	1	4	138.9	51.6
22B130/046	10:32:59	CLR	285.0	290.0	-10	.12	1	4	139.9	51.9
22B151/048	10:29:59	SURV	285.0	290.0	-10	.12	1	4	139.2	51.3
22B152/048	10:31:59	CLR	285.0	290.0	-10	.12	1	4	139.9	51.5
22B180/049	10:29:59	SURV	285.0	290.0	-10	.12	1	4	139.4	51.2
22B190/050	10:30:00	SURV	285.0	290.0	-10	.12	1	4	139.6	51.0
22B206/051	10:29:59	IR	285.0	290.0	-10	.12	1	4	139.8	50.9
BOX 123 AZ 140 TO 150 EL 60 TO 50										
21A081/012	11:07:59	CLR	55.0	60.0	-10	.12	1	4	147.3	59.3
21A181/023	11:09:59	SURV	55.0	60.0	-10	.12	1	4	149.8	58.3
21B043/036	10:39:59	CLR	35.0	62.5	-20	.12	1	4	140.5	53.9
22A014/002	11:00:00	SURV	310.0	335.0	-20	.12	1	5	142.5	59.4
22A245/030	10:57:08	SURV	307.5	332.5	-30	.12	1	4	145.8	56.4
22B113/044	10:35:59	IR	285.0	290.0	-10	.12	1	4	140.6	52.5
22B131/046	10:35:59	IR	285.0	290.0	-10	.12	1	4	140.9	52.2
22B153/048	10:34:59	IR	285.0	290.0	-10	.12	1	4	140.9	51.8
22B181/049	10:31:59	CLR	285.0	290.0	-10	.12	1	4	140.1	51.4
22B182/049	10:34:59	IR	285.0	290.0	-10	.12	1	4	141.1	51.7
22B191/050	10:32:00	CLR	285.0	290.0	-10	.12	1	4	140.3	51.3
22B192/050	10:35:00	IR	285.0	290.0	-10	.12	1	4	141.3	51.6
22B207/051	10:34:59	CLR	285.0	290.0	-10	.12	1	4	141.5	51.4
BOX 124 AZ 150 TO 160 EL 60 TO 50										
21A182/023	11:11:59	CLR	55.0	60.0	-10	.12	1	4	150.6	58.5
21A183/023	11:13:59	IR	55.0	60.0	-10	.12	1	4	151.5	58.6
22A184/023	11:15:59	SURV	285.0	290.0	-10	.12	1	4	152.3	58.8
22A185/023	11:17:59	CLR	285.0	290.0	-10	.12	1	4	153.1	58.9
22A186/023	11:19:59	IR	285.0	290.0	-10	.12	1	4	154.0	59.1
22C066/060	11:09:59	CLR	265.0	305.0	-10	.12	1	3	155.6	53.0
22C067/060	11:19:59	IR	265.0	305.0	-10	.12	1	3	159.4	53.6
22G007/488	11:59:59	CLR	127.5	167.5	-30	.12	1	4	155.0	53.9
BOX 125 AZ 160 TO 170 EL 60 TO 50										
22C068/060	11:29:59	SURV	265.0	305.0	-10	.12	1	3	163.3	54.1
22H155/704	11:44:59	CLR	285.0	310.0	-10	.12	1	4	166.6	58.8
BOX 126 AZ 170 TO 180 EL 60 TO 50										

VL-2
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 126 AZ 170 TO 180 EL 60 TO 50										
21H187/741	11:44:58	CLR	35.0	60.0	-10	.12	1	4	170.6	52.3
BOX 127 AZ 180 TO 190 EL 60 TO 50										
21B227/053	12:14:59	CLR	272.5	335.0	-30	.12	1	3	181.3	56.4
21B228/053	12:24:59	IR	272.5	335.0	-30	.12	1	3	185.6	56.3
21C013/055	12:20:00	CLR	177.5	272.5	-30	.12	1	3	183.5	56.0
21C014/055	12:30:00	IR	177.5	272.5	-30	.12	1	3	187.7	55.8
21C048/057	12:19:59	CLR	102.5	177.5	-10	.12	1	3	183.6	55.6
21C049/057	12:29:59	IR	102.5	177.5	-10	.12	1	3	187.8	55.4
21C056/058	12:19:59	CLR	10.0	110.0	-10	.12	1	3	183.7	55.4
21C057/058	12:29:59	IR	10.0	110.0	-10	.12	1	3	187.9	55.3
22B142/047	12:29:59	CLR	7.5	72.5	-20	.12	1	3	187.4	57.3
22B156/048	12:29:59	CLR	140.0	182.5	-30	.12	1	3	187.5	57.1
22B185/049	12:29:59	CLR	182.5	265.0	0	.12	1	3	187.5	56.9
22F175/466	13:09:00	CLR	117.5	135.0	-30	.12	1	4	180.0	52.2
22F176/466	13:27:00	CLR	135.0	152.5	-30	.12	1	4	187.0	52.1
22F231/481	13:03:59	CLR	115.0	135.0	-30	.12	1	4	180.2	54.9
22F232/481	13:19:59	CLR	135.0	152.5	-30	.12	1	4	186.8	54.7
22G014/491	12:59:59	CLR	287.5	315.0	-20	.12	1	4	180.1	56.6
BOX 128 AZ 190 TO 200 EL 60 TO 50										
21B229/053	12:37:59	SURV	272.5	335.0	-30	.12	1	3	191.0	56.0
21C015/055	12:40:00	SURV	177.5	272.5	-30	.12	1	3	191.9	55.5
21C050/057	12:39:58	SURV	102.5	177.5	-10	.12	1	3	191.9	55.2
21C058/058	12:39:59	SURV	10.0	110.0	-10	.12	1	3	192.0	55.0
22B143/047	12:39:59	IR	7.5	72.5	-20	.12	1	3	191.7	57.0
22B144/047	12:49:59	SURV	7.5	72.5	-20	.12	1	3	196.0	56.6
22B157/048	12:39:59	IR	140.0	182.5	-30	.12	1	3	191.8	56.8
22B158/048	12:49:59	SURV	140.0	182.5	-30	.12	1	3	196.0	56.4
22B186/049	12:39:59	IR	182.5	265.0	0	.12	1	3	191.8	56.6
22B187/049	12:49:59	SURV	182.5	265.0	0	.12	1	3	196.0	56.2
BOX 129 AZ 200 TO 210 EL 60 TO 50										
21G104/525	13:35:53	CLR	130.0	265.0	-20	.12	1	4	202.3	59.9
22B134/046	13:20:49	CLR	40.0	50.0	-10	.12	1	4	208.4	54.9
22B135/046	13:22:49	IR	40.0	50.0	-10	.12	1	4	209.2	54.7
22B136/046	13:24:49	SURV	40.0	50.0	-10	.12	1	4	209.9	54.6
22G105/525	13:48:35	CLR	75.0	172.5	-30	.12	1	4	207.8	59.0
BOX 130 AZ 210 TO 220 EL 60 TO 50										
22B036/035	13:30:00	CLR	102.5	112.5	-30	.12	1	4	212.3	55.9
22B037/035	13:35:00	IR	102.5	112.5	-30	.12	1	4	214.3	55.5
22B038/035	13:40:00	SURV	102.5	112.5	-30	.12	1	4	216.1	55.0
BOX 131 AZ 220 TO 230 EL 60 TO 50										
22A240/029	13:57:07	SURV	307.5	332.5	-30	.12	1	4	222.6	54.2
BOX 132 AZ 230 TO 240 EL 60 TO 50										
22A254/030	14:25:00	CLR	115.0	125.0	-30	.12	1	4	231.6	50.7
BOX 133 AZ 240 TO 250 EL 60 TO 50										
22A016/002	14:50:00	CLR	15.0	80.0	0	.12	1	4	240.9	50.7

VL-2
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 133 AZ 240 TO 250 EL 60 TO 50										
22G151/553	15:04:59	CLR	15.0	80.0	0	.12	1	4	240.2	52.0
22G152/553	15:14:59	CLR	155.0	187.5	0	.12	1	4	242.9	50.5
BOX 154 AZ 90 TO 100 EL 50 TO 40										
22G251/593	08:44:59	CLR	305.0	310.0	-10	.12	1	4	98.1	41.0
22G252/593	08:46:29	CLR	332.5	335.0	10	.12	1	4	98.4	41.3
22H002/593	08:51:59	CLR	332.5	335.0	10	.12	1	4	99.5	42.2
22H003/593	08:53:14	CLR	305.0	310.0	-10	.12	1	4	99.8	42.4
22H016/595	08:45:00	CLR	305.0	310.0	-10	.12	1	4	98.1	41.1
22H017/595	08:46:30	IR	305.0	310.0	-10	.12	1	4	98.4	41.4
BOX 155 AZ 100 TO 110 EL 50 TO 40										
21A179/023	08:52:36	CLR	285.0	335.0	-30	.12	1	4	108.0	40.7
21A194/024	08:52:00	CLR	147.5	197.5	0	.12	1	4	108.1	40.6
21A208/025	08:53:42	CLR	112.5	162.5	0	.12	1	4	108.6	40.7
21A217/026	08:52:50	CLR	77.5	127.5	10	.12	1	4	108.6	40.5
22A144/020	08:56:13	CLR	55.0	105.0	-30	.12	1	4	108.4	41.5
22A152/021	08:54:42	CLR	170.0	220.0	0	.12	1	4	108.2	41.2
22A165/022	08:53:46	CLR	212.5	262.5	10	.12	1	4	108.1	41.0
22H078/629	09:10:58	IR	305.0	310.0	-10	.12	1	4	105.0	46.0
22H079/629	09:12:28	CLR	305.0	310.0	-10	.12	1	4	105.3	46.3
BOX 156 AZ 110 TO 120 EL 50 TO 40										
21A028/004	09:23:03	CLR	197.5	335.0	-10	.12	1	4	112.4	46.7
21A072/010	09:46:06	CLR	235.0	310.0	-30	.12	1	4	119.2	49.7
21A077/011	09:44:20	SURV	125.0	335.0	-20	.12	1	4	118.9	49.4
21A180/023	09:27:32	CLR	225.0	300.0	-30	.12	1	4	116.4	46.0
21A195/024	09:26:56	CLR	162.5	237.5	-30	.12	1	4	116.4	45.8
21A209/025	09:28:38	CLR	195.0	270.0	10	.12	1	4	117.0	46.0
21A218/026	09:27:47	CLR	15.0	90.0	0	.12	1	4	116.9	45.8
21A224/028	09:03:11	SURV	322.5	330.0	-30	.12	1	4	111.3	42.0
21A244/030	09:21:10	SURV	322.5	330.0	-30	.12	1	4	116.0	44.5
22A013/002	09:26:57	CLR	80.0	155.0	-20	.12	1	4	113.1	47.4
22A145/020	09:31:07	CLR	10.0	85.0	-20	.12	1	4	116.8	46.8
22A153/021	09:29:38	CLR	102.5	177.5	-30	.12	1	4	116.6	46.5
22A166/022	09:28:42	CLR	260.0	335.0	-10	.12	1	4	116.5	46.3
22B017/033	08:54:01	IR	172.5	212.5	10	.12	1	4	110.0	40.1
22B018/033	08:59:01	SURV	172.5	212.5	10	.12	1	5	111.1	40.9
BOX 157 AZ 120 TO 130 EL 50 TO 40										
21C043/057	09:35:59	SURV	320.0	335.0	-30	.12	1	4	124.7	43.6
21C052/058	09:36:00	SURV	320.0	335.0	-30	.12	1	4	124.9	43.4
22B011/032	09:45:10	SURV	90.0	97.5	-30	.12	1	4	122.6	47.7
22B026/034	09:45:11	SURV	102.5	110.0	-30	.12	1	4	123.0	47.5
22B042/036	09:45:10	SURV	102.5	110.0	-30	.12	1	4	123.3	47.3
22B055/038	09:57:11	SURV	102.5	110.0	-30	.12	1	4	127.1	48.7
22B126/046	09:59:59	CLR	75.0	140.0	-30	.12	1	4	129.4	48.1
22C008/055	09:55:00	SURV	305.0	310.0	-10	.12	1	5	129.6	46.3
22C016/056	09:44:59	SURV	305.0	310.0	-10	.12	1	5	127.0	44.9
22C017/056	09:47:59	CLR	305.0	310.0	-10	.12	1	5	127.8	45.3
22C018/056	09:50:59	IR	305.0	310.0	-10	.12	1	5	128.7	45.7
22H152/704	09:59:59	CLR	90.0	115.0	-30	.12	1	4	127.5	49.3
22H160/706	09:58:11	CLR	172.5	215.0	0	.12	1	4	127.3	48.9
BOX 158 AZ 130 TO 140 EL 50 TO 40										
21H184/741	09:59:59	CLR	210.0	235.0	-30	.12	1	4	134.3	44.3

VL-2
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 158 AZ 130 TO 140 EL 50 TO 40										
22B127/046	10:06:59	IR	75.0	140.0	-30	.12	1	4	131.5	49.0
22B128/046	10:13:59	SURV	75.0	140.0	-30	.12	1	4	133.7	49.8
22B232/054	10:00:00	SURV	305.0	310.0	-10	.12	1	5	130.9	47.1
22B233/054	10:03:00	CLR	305.0	310.0	-10	.12	1	5	131.8	47.4
22B234/054	10:06:00	IR	305.0	310.0	-10	.12	1	5	132.7	47.8
22C009/055	09:58:00	CLR	305.0	310.0	-10	.12	1	5	130.5	46.7
22C010/055	10:01:00	IR	305.0	310.0	-10	.12	1	5	131.4	47.0
22F138/449	10:59:59	CLR	305.0	310.0	-10	.12	1	4	134.8	40.3
22F139/449	11:02:29	IR	305.0	310.0	-10	.12	1	4	135.5	40.6
22F140/449	11:03:59	CLR	97.5	165.0	-30	.12	1	4	135.9	40.8
22F141/449	11:10:59	IR	142.5	165.0	-30	.12	1	4	137.9	41.6
22F173/466	11:00:00	CLR	305.0	310.0	-10	.12	1	4	134.5	43.9
22F174/466	11:02:00	IR	305.0	310.0	-10	.12	1	4	135.1	44.2
22F226/481	10:59:59	CLR	305.0	310.0	-10	.12	1	4	134.3	46.9
22F227/481	11:01:59	IR	305.0	310.0	-10	.12	1	4	134.9	47.1
BOX 160 AZ 150 TO 160 EL 50 TO 40										
22F078/426	12:02:59	IR	242.5	245.0	10	.12	5	5	153.5	41.3
22F079/426	12:04:29	CLR	242.5	245.0	10	.12	5	5	154.0	41.4
BOX 161 AZ 160 TO 170 EL 50 TO 40										
21F024/414	12:28:00	CLR	35.0	40.0	-10	.12	1	4	161.0	40.1
21F025/414	12:30:00	IR	35.0	40.0	-10	.12	1	4	161.6	40.2
21F026/414	12:32:00	CLR	52.5	60.0	-10	.12	1	4	162.2	40.4
21F027/414	12:34:00	IR	52.5	60.0	-10	.12	1	4	162.9	40.4
21F142/449	12:44:59	CLR	235.0	260.0	-20	.12	1	4	168.8	48.5
22F028/414	12:36:00	CLR	272.5	280.0	-10	.12	1	4	163.5	40.5
22F029/414	12:38:00	IR	272.5	280.0	-10	.12	1	4	164.1	40.6
22F030/414	12:40:00	CLR	285.0	310.0	-10	.12	1	4	164.7	40.7
22F031/414	12:43:25	IR	285.0	310.0	-10	.12	1	4	165.8	40.9
BOX 162 AZ 170 TO 180 EL 50 TO 40										
21F156/453	12:49:59	SURV	235.0	242.5	-30	.12	1	4	171.1	49.5
22H220/778	11:44:59	CLR	285.0	310.0	-10	.12	1	4	173.5	44.2
BOX 163 AZ 180 TO 190 EL 50 TO 40										
22F143/449	13:29:59	CLR	287.5	315.0	-30	.12	1	4	185.4	48.9
BOX 164 AZ 190 TO 200 EL 50 TO 40										
21F144/449	14:01:59	CLR	260.0	287.5	-30	.12	1	4	196.9	47.9
22F015/410	14:00:00	CLR	317.5	327.5	-30	.12	1	4	190.1	40.4
22F080/426	14:09:29	CLR	202.5	205.0	10	.12	5	5	195.5	43.3
BOX 167 AZ 220 TO 230 EL 50 TO 40										
21B064/039	14:20:59	CLR	30.0	35.0	-10	.12	1	5	229.6	49.8
22B137/046	14:13:11	SURV	305.0	335.0	-30	.12	1	4	226.6	49.6
22B147/047	14:13:10	SURV	305.0	335.0	-30	.12	1	4	226.5	49.5
BOX 168 AZ 230 TO 240 EL 50 TO 40										
21B065/039	14:22:59	IR	30.0	35.0	-10	.12	1	5	230.2	49.6

VL-2
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 169 AZ 240 TO 250 EL 50 TO 40										
22A003/000	14:59:59	CLR	80.0	155.0	-20	.12	1	4	243.7	49.4
22A018/002	15:00:00	CLR	155.0	210.0	0	.12	1	4	243.6	49.3
22A036/005	14:59:59	IR	65.0	180.0	-20	.12	1	4	243.4	48.9
22G176/557	15:19:59	CLR	80.0	165.0	-20	.12	1	4	244.9	49.9
BOX 170 AZ 250 TO 260 EL 50 TO 40										
21A022/003	15:52:00	CLR	35.0	40.0	-10	.12	1	4	255.9	41.2
21A029/004	15:36:00	SURV	7.5	35.0	-20	.12	1	4	252.3	43.6
BOX 190 AZ 90 TO 100 EL 40 TO 30										
22A006/001	07:53:59	CLR	305.0	310.0	-10	.12	1	4	93.2	32.7
22A019/003	08:00:00	CLR	305.0	310.0	-10	.12	1	4	94.5	33.6
22A038/006	08:00:00	IR	305.0	310.0	-10	.12	1	4	94.9	33.4
22A064/009	08:01:59	CLR	37.5	47.5	-10	.12	1	4	95.6	33.6
BOX 191 AZ 100 TO 110 EL 40 TO 30										
22B016/033	08:49:00	CLR	172.5	212.5	10	.12	1	5	108.9	39.3
BOX 192 AZ 110 TO 120 EL 40 TO 30										
22C040/057	09:09:06	SURV	305.0	335.0	-30	.12	1	3	117.8	39.8
22C051/058	09:09:07	SURV	305.0	335.0	-30	.12	1	3	118.0	39.7
BOX 194 AZ 130 TO 140 EL 40 TO 30										
22C114/132	09:39:59	CLR	122.5	182.5	10	.12	1	5	138.5	30.5
22F076/426	11:02:59	IR	227.5	230.0	10	.12	5	5	136.3	35.6
22F077/426	11:04:29	CLR	227.5	230.0	10	.12	5	5	136.7	35.8
BOX 195 AZ 140 TO 150 EL 40 TO 30										
21E193/382	11:45:00	IR	222.5	227.5	-30	.12	1	4	149.1	30.0
22C115/132	09:59:59	CLR	305.0	310.0	-10	.12	1	4	143.7	32.6
22E211/389	11:29:59	CLR	305.0	310.0	-10	.12	1	4	144.8	30.1
22E212/389	11:31:59	IR	305.0	310.0	-10	.12	1	4	145.3	30.3
22E230/400	11:24:58	CLR	305.0	310.0	-10	.12	1	4	143.0	32.1
22E246/406	11:15:43	CLR	130.0	140.0	-30	.12	1	4	140.3	32.5
22E247/406	11:23:43	CLR	305.0	310.0	-10	.12	1	4	142.5	33.3
22E248/406	11:28:43	IR	305.0	310.0	-10	.12	1	4	143.8	33.8
22E249/406	11:33:43	IR	130.0	140.0	-30	.12	1	4	145.1	34.3
22E250/406	11:38:30	CLR	207.5	247.5	10	.12	8	5	146.5	34.7
22F011/410	11:15:00	CLR	290.0	310.0	-10	.12	1	4	140.0	33.3
22F012/410	11:20:00	IR	290.0	310.0	-10	.12	1	4	141.3	33.9
22F013/410	11:25:00	IR	32.5	42.5	-20	.12	1	4	142.7	34.4
22F014/410	11:30:00	CLR	32.5	42.5	-20	.12	1	4	144.0	34.9
22H216/778	09:59:59	CLR	90.0	115.0	-30	.12	1	4	140.7	37.5
BOX 196 AZ 150 TO 160 EL 40 TO 30										
22C116/132	10:49:59	CLR	145.0	200.0	10	.12	1	5	157.6	36.6
BOX 197 AZ 160 TO 170 EL 40 TO 30										
21E194/382	13:00:00	CLR	222.5	227.5	-30	.12	1	4	169.9	34.3
22C117/132	10:59:59	CLR	315.0	330.0	-30	.12	1	5	160.6	37.2

VL-2
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 197 AZ 160 TO 170 EL 40 TO 30										
22E169/377	12:31:34	CLR	285.0	310.0	-10	.12	1	4	161.8	32.0
BOX 198 AZ 170 TO 180 EL 40 TO 30										
21E195/382	13:02:00	CLR	222.5	227.5	-30	.12	1	3	170.4	34.3
21E214/389	12:59:59	CLR	222.5	227.5	-30	.12	1	3	170.0	35.8
21E215/389	13:01:59	CLR	222.5	227.5	-30	.12	1	4	170.6	35.9
BOX 199 AZ 180 TO 190 EL 40 TO 30										
21E196/382	13:45:00	CLR	222.5	227.5	-30	.12	1	4	183.0	34.7
21E205/388	14:05:39	SURV	305.0	330.0	-30	.12	1	4	189.6	35.6
22C118/132	12:24:59	CLR	172.5	227.5	10	.12	1	5	186.8	38.7
BOX 200 AZ 190 TO 200 EL 40 TO 30										
21C173/159	12:59:59	CLR	22.5	205.0	-20	.12	1	3	195.3	31.1
BOX 201 AZ 200 TO 210 EL 40 TO 30										
21C174/159	13:19:59	CLR	205.0	270.0	-20	.12	1	4	200.8	30.1
21H245/828	13:19:58	CLR	215.0	232.5	-30	.12	1	4	200.7	30.0
BOX 204 AZ 230 TO 240 EL 40 TO 30										
22F081/426	16:13:59	IR	242.5	245.0	10	.12	5	5	231.4	32.0
22F082/426	16:15:29	CLR	242.5	245.0	10	.12	5	5	231.7	31.8
BOX 206 AZ 250 TO 260 EL 40 TO 30										
21A109/015	15:58:14	SURV	7.5	35.0	-20	.12	1	4	256.4	38.9
BOX 207 AZ 260 TO 270 EL 40 TO 30										
21A060/008	16:26:30	SURV	7.5	35.0	-20	.12	1	4	262.6	35.1
21A099/014	16:30:00	CLR	35.0	40.0	-10	.12	1	4	262.9	33.9
21A228/028	16:29:13	SURV	7.5	17.5	-30	.12	1	4	261.6	32.4
21B050/037	16:34:19	SURV	20.0	27.5	-30	.12	1	4	261.7	30.3
BOX 226 AZ 90 TO 100 EL 30 TO 20										
21B202/051	07:13:51	SURV	7.5	37.5	-20	.12	1	4	92.8	22.4
22B107/044	07:19:23	CLR	187.5	260.0	10	.12	1	4	92.7	24.0
22B108/044	07:27:44	IR	187.5	260.0	10	.12	1	4	94.2	25.4
22B109/044	07:36:04	SURV	187.5	260.0	10	.12	1	4	95.8	26.7
22C037/057	07:31:24	CLR	285.0	297.5	-20	.12	1	4	97.0	24.6
22C038/057	07:33:17	IR	285.0	297.5	-20	.12	1	4	97.4	25.0
BOX 229 AZ 120 TO 130 EL 30 TO 20										
21E189/382	10:15:00	CLR	222.5	227.5	-30	.12	1	4	127.6	20.2
22C113/132	08:24:59	CLR	107.5	167.5	10	.12	1	5	121.1	21.1
22E209/389	10:03:29	IR	27.5	47.5	-10	.12	1	4	124.5	20.1
22F073/426	10:02:59	IR	215.0	217.5	10	.12	5	5	121.6	28.0
22F074/426	10:04:29	CLR	215.0	217.5	10	.12	5	5	121.9	28.2

VL-2
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 230 AZ 130 TO 140 EL 30 TO 20										
21E144/365	10:59:01	CLR	72.5	80.0	0	.12	1	2	139.0	22.0
21E191/382	11:00:00	CLR	222.5	227.5	-30	.12	1	3	137.8	25.6
BOX 231 AZ 140 TO 150 EL 30 TO 20										
21E192/382	11:43:00	CLR	222.5	227.5	-30	.12	1	4	148.5	29.8
22E126/353	11:02:04	SURV	297.5	297.5	-30	.04	1	2	140.9	20.1
BOX 232 AZ 150 TO 160 EL 30 TO 20										
21E147/365	12:04:00	CLR	32.5	57.5	-20	.12	1	2	154.9	27.8
21E149/365	12:14:04	IR	32.5	45.0	-10	.12	1	2	157.5	28.5
22D030/190	10:47:00	CLR	285.0	310.0	-20	.12	1	4	158.0	22.6
BOX 233 AZ 160 TO 170 EL 30 TO 20										
21D017/188	11:29:59	CLR	215.0	300.0	-30	.12	1	3	168.9	25.1
21D049/198	11:00:00	CLR	245.0	330.0	-30	.12	1	3	160.8	21.7
21D092/206	11:00:00	CLR	305.0	330.0	-30	.12	1	3	160.2	20.1
21I004/871	11:00:59	CLR	230.0	302.5	-30	.12	1	3	160.7	20.8
22C215/172	11:19:59	CLR	285.0	310.0	-20	.12	1	4	167.0	28.4
22D038/193	10:59:58	CLR	285.0	310.0	-10	.12	1	3	161.1	22.7
22D068/200	10:59:59	CLR	270.0	315.0	-10	.12	1	3	160.6	21.3
22D073/200	11:26:59	SURV	82.5	82.5	-10	.04	1	3	167.2	22.5
22D095/207	11:22:48	CLR	75.0	140.0	-30	.12	1	3	165.6	21.0
22E070/317	12:31:02	SURV	100.0	100.0	-10	.04	1	3	165.8	20.9
22E150/365	12:31:04	SURV	100.0	100.0	-10	.04	1	3	162.0	29.4
22I018/872	10:58:52	CLR	280.0	310.0	-10	.12	1	3	160.2	20.5
22I019/872	11:04:52	CLR	295.0	310.0	-10	.12	1	2	161.6	20.8
BOX 234 AZ 170 TO 180 EL 30 TO 20										
21D102/208	11:59:59	CLR	182.5	187.5	-10	.12	1	3	174.5	21.8
22D103/208	12:04:59	IR	85.0	90.0	-20	.12	1	3	175.8	21.9
22E132/353	13:13:59	IR	302.5	317.5	-10	.12	1	2	174.0	28.4
BOX 235 AZ 180 TO 190 EL 30 TO 20										
21I056/873	12:58:58	CLR	80.0	307.5	-30	.12	1	3	189.6	22.1
22D134/218	12:45:00	CLR	177.5	227.5	10	.12	1	5	184.1	20.4
22D135/218	12:52:00	CLR	205.0	230.0	10	.12	16	5	185.8	20.3
22D136/218	12:59:00	CLR	180.0	230.0	10	.12	1	4	187.5	20.1
22D137/218	13:06:00	CLR	207.5	232.5	10	.12	15	4	189.2	20.0
22D166/221	12:31:58	SURV	100.0	100.0	-10	.04	1	2	180.5	20.1
22I057/874	12:29:59	CLR	300.0	310.0	-20	.12	1	3	182.3	22.4
22I058/886	12:30:00	CLR	300.0	310.0	-20	.12	1	3	180.6	20.6
BOX 236 AZ 190 TO 200 EL 30 TO 20										
22D064/199	12:57:48	CLR	177.5	235.0	10	.12	1	5	190.0	23.0
22D065/199	13:04:49	IR	180.0	237.5	10	.12	1	5	191.8	22.8
22D088/205	13:24:48	CLR	175.0	235.0	-10	.12	1	3	195.8	21.1
BOX 237 AZ 200 TO 210 EL 30 TO 20										
21C175/159	13:29:59	CLR	270.0	335.0	-30	.12	1	3	203.4	29.5
22C205/162	13:30:00	CLR	315.0	330.0	-30	.12	1	4	203.1	28.8

VL-2
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 238 AZ 210 TO 220 EL 30 TO 20										
22C234/173	14:07:35	CLR	195.0	255.0	10	.12	1	5	211.1	23.8
22C235/173	14:14:35	IR	197.5	257.5	10	.12	1	5	212.7	23.1
BOX 242 AZ 250 TO 260 EL 30 TO 20										
21B219/052	16:32:41	SURV	140.0	217.5	10	.12	1	5	259.9	28.4
BOX 243 AZ 260 TO 270 EL 30 TO 20										
21B066/039	16:35:59	CLR	22.5	27.5	-10	.12	1	5	261.9	29.8
21B067/039	16:37:59	IR	22.5	27.5	-10	.12	1	5	262.2	29.5
21B220/052	16:36:41	CLR	140.0	217.5	10	.12	1	5	260.7	27.7
21B221/052	16:44:41	IR	140.0	217.5	10	.12	1	4	262.2	26.4
21B238/054	16:36:00	CLR	22.5	27.5	-10	.12	1	5	260.3	27.5
21B239/054	16:38:00	IR	22.5	27.5	-10	.12	1	5	260.7	27.2
21B240/054	16:40:00	CLR	215.0	227.5	-30	.12	1	3	261.1	26.9
21B241/054	16:43:00	IR	215.0	227.5	-30	.12	1	3	261.7	26.4
21E104/341	10:59:03	CLR	72.5	80.0	0	.12	1	2	264.7	29.8
BOX 244 AZ 270 TO 280 EL 30 TO 20										
21A025/003	17:54:00	SURV	165.0	302.5	-10	.12	1	4	278.7	21.4
21A101/014	17:11:59	CLR	150.0	192.5	10	.12	1	5	270.7	27.1
21A120/016	17:29:59	SURV	10.0	165.0	0	.12	1	4	273.7	23.9
21G198/559	17:41:59	CLR	22.5	25.0	-10	.12	1	3	274.4	27.3
21G199/559	17:43:19	IR	22.5	25.0	-10	.12	1	3	274.7	27.1
22A086/012	17:11:00	SURV	310.0	335.0	-30	.12	1	5	270.7	27.5
22A092/013	17:10:58	SURV	310.0	335.0	-30	.12	1	5	270.6	27.4
BOX 261 AZ 80 TO 90 EL 20 TO 10										
22B196/051	06:32:19	IR	22.5	32.5	-20	.12	1	4	85.3	15.7
22B197/051	06:33:59	CLR	22.5	32.5	-20	.12	1	4	85.6	15.9
BOX 263 AZ 100 TO 110 EL 20 TO 10										
22C109/132	07:19:59	CLR	95.0	155.0	10	.12	1	5	108.0	11.5
22F071/426	09:02:59	IR	202.5	205.0	10	.12	1	5	108.9	19.1
22F072/426	09:04:29	CLR	202.5	205.0	10	.12	5	5	109.2	19.4
BOX 264 AZ 110 TO 120 EL 20 TO 10										
21E187/382	09:29:59	CLR	222.5	227.5	-30	.12	1	3	118.2	14.0
BOX 265 AZ 120 TO 130 EL 20 TO 10										
22E208/389	09:59:59	CLR	27.5	47.5	-10	.12	1	4	123.7	19.6
BOX 267 AZ 140 TO 150 EL 20 TO 10										
21D128/216	09:59:59	CLR	72.5	80.0	0	.12	1	3	146.0	13.7
21E024/293	10:59:02	CLR	72.5	80.0	0	.12	1	2	148.4	12.7
21E064/317	10:59:02	CLR	72.5	80.0	0	.12	1	2	144.7	14.6
22D093/207	09:41:29	CLR	162.5	187.5	10	.12	1	5	142.5	13.7
22E045/305	10:59:02	CLR	297.5	305.0	-10	.12	1	2	146.5	13.4
22E046/305	11:02:02	SURV	297.5	297.5	-30	.04	1	2	147.1	13.7
22E085/329	10:59:03	CLR	302.5	310.0	-10	.12	1	2	143.1	16.0
22E086/329	11:02:03	SURV	297.5	297.5	-30	.04	1	2	143.7	16.3

VL-2
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 267 AZ 140 TO 150 EL 20 TO 10										
22E125/353	10:59:04	CLR	302.5	310.0	-10	.12	1	2	140.2	19.8
BOX 268 AZ 150 TO 160 EL 20 TO 10										
21D099/208	10:29:59	CLR	182.5	187.5	-10	.12	1	3	153.1	17.7
21D119/215	10:59:59	CLR	220.0	227.5	-20	.12	1	2	159.4	18.4
21D160/221	10:59:59	CLR	72.5	80.0	0	.12	1	3	158.8	17.4
21D200/245	10:59:29	CLR	72.5	80.0	0	.12	1	3	155.8	14.2
21D240/269	10:59:01	CLR	72.5	80.0	0	.12	1	3	152.1	12.6
22D100/208	10:34:59	IR	85.0	90.0	-20	.12	1	3	154.3	18.1
22D180/233	10:32:27	CLR	115.0	135.0	-30	.12	1	3	151.4	13.7
22D181/233	10:59:59	CLR	297.5	305.0	-10	.12	1	3	157.5	15.6
22D182/233	11:02:59	SURV	297.5	297.5	-30	.04	1	2	158.1	15.8
22E005/281	10:59:01	CLR	297.5	305.0	-10	.12	1	3	150.2	12.4
22E006/281	11:02:01	SURV	297.5	297.5	-30	.04	1	3	150.9	12.7
BOX 269 AZ 160 TO 170 EL 20 TO 10										
21D120/215	11:02:59	CLR	220.0	227.5	-20	.12	4	2	160.1	18.6
21D121/215	11:05:59	CLR	220.0	227.5	-20	.12	8	2	160.8	18.7
21D122/215	11:08:59	CLR	220.0	227.5	-20	.12	12	2	161.5	18.9
22D116/214	11:12:00	CLR	297.5	305.0	-10	.12	1	3	162.3	19.2
22E030/293	12:31:02	SURV	100.0	100.0	-10	.04	1	3	168.9	18.2
22I066/955	12:29:59	CLR	285.0	310.0	-20	.12	1	3	169.7	17.7
BOX 270 AZ 170 TO 180 EL 20 TO 10										
22D206/245	12:31:29	SURV	100.0	100.0	-10	.04	1	3	176.7	17.8
22D246/269	12:31:01	SURV	100.0	100.0	-10	.04	1	3	172.6	17.1
22I059/898	12:30:00	CLR	300.0	310.0	-20	.12	1	3	178.8	19.1
22I060/910	12:29:59	CLR	300.0	310.0	-20	.12	1	3	176.9	18.0
22I061/922	12:30:00	CLR	300.0	310.0	-20	.12	1	3	175.0	17.3
22I062/934	12:30:00	CLR	300.0	310.0	-20	.12	1	3	173.0	17.1
22I063/946	12:29:59	CLR	300.0	310.0	-20	.12	1	3	171.1	17.3
22I067/955	12:32:59	CLR	285.0	310.0	-20	.12	1	4	170.4	17.8
BOX 272 AZ 190 TO 200 EL 20 TO 10										
21I090/959	14:30:31	CLR	190.0	310.0	-20	.12	1	2	197.2	16.9
21I093/960	14:37:57	CLR	190.0	310.0	-20	.12	1	3	198.8	16.7
22D138/218	13:13:00	CLR	215.0	235.0	10	.12	30	4	190.8	19.8
BOX 273 AZ 200 TO 210 EL 20 TO 10										
21D104/208	13:59:59	CLR	182.5	187.5	-10	.12	1	3	203.6	18.7
22D089/205	14:02:58	CLR	15.0	115.0	-20	.12	1	4	204.8	18.9
22D105/208	14:04:59	IR	85.0	90.0	-20	.12	1	3	204.7	18.4
BOX 275 AZ 220 TO 230 EL 20 TO 10										
21D106/208	15:29:59	CLR	182.5	187.5	-10	.12	1	3	223.1	10.6
22D107/208	15:34:59	IR	85.0	90.0	-20	.12	1	3	224.1	10.1
BOX 276 AZ 230 TO 240 EL 20 TO 10										
21C244/173	15:31:59	CLR	210.0	307.5	-20	.12	1	2	230.0	14.8

VL-2
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 278 AZ 250 TO 260 EL 20 TO 10										
22F085/426	18:07:59	IR	270.0	272.5	10	.12	1	5	255.8	15.4
22F086/426	18:09:29	CLR	270.0	272.5	10	.12	1	5	256.1	15.2
BOX 280 AZ 270 TO 280 EL 20 TO 10										
21B068/039	17:40:59	CLR	30.0	35.0	-10	.12	1	5	273.8	19.2
21B069/039	17:42:59	IR	30.0	35.0	-10	.12	1	5	274.2	18.9
21B070/039	18:10:59	CLR	22.5	27.5	-10	.12	1	5	279.1	14.3
21B071/039	18:12:59	IR	22.5	27.5	-10	.12	1	5	279.4	14.0
21B243/054	17:40:59	CLR	30.0	35.0	-10	.12	1	5	272.3	17.0
21B244/054	17:42:59	IR	30.0	35.0	-10	.12	1	5	272.7	16.6
21B245/054	17:44:59	CLR	215.0	227.5	-30	.12	1	3	273.1	16.3
21B246/054	17:47:59	IR	215.0	227.5	-30	.12	1	3	273.6	15.8
21B248/054	18:10:59	CLR	22.5	27.5	-10	.12	1	5	277.7	12.1
21B249/054	18:12:59	IR	22.5	27.5	-10	.12	1	5	278.0	11.8
21B250/054	18:14:59	CLR	215.0	227.5	-30	.12	1	3	278.4	11.4
21B251/054	18:17:59	IR	215.0	227.5	-30	.12	1	3	278.9	10.9
21E107/341	12:03:59	CLR	32.5	57.5	-20	.12	1	2	276.4	19.2
21E109/341	12:14:03	IR	32.5	45.0	-10	.12	1	2	278.2	17.5
22B052/037	17:49:58	CLR	102.5	112.5	-30	.12	1	4	275.6	18.0
BOX 281 AZ 280 TO 290 EL 20 TO 10										
21B072/039	18:30:59	CLR	22.5	27.5	-10	.12	1	5	282.5	11.1
21B073/039	18:32:59	IR	22.5	27.5	-10	.12	1	5	282.9	10.8
21G203/559	18:51:59	CLR	215.0	225.0	-30	.12	1	3	286.3	16.1
21G204/559	18:53:59	IR	215.0	225.0	-30	.12	1	3	286.6	15.8
22E110/341	12:31:03	SURV	100.0	100.0	-10	.04	1	3	281.1	14.8
BOX 282 AZ 290 TO 300 EL 20 TO 10										
21G205/559	19:16:59	CLR	22.5	25.0	-10	.12	1	3	290.5	12.2
21G206/559	19:18:19	IR	22.5	25.0	-10	.12	1	3	290.7	12.0
21G207/559	19:23:59	CLR	215.0	225.0	-30	.12	1	3	291.7	11.2
21G208/559	19:25:59	IR	215.0	225.0	-30	.12	1	3	292.0	10.9
BOX 294 AZ 50 TO 60 EL 10 TO -0										
22F245/486	04:55:55	CLR	115.0	115.0	10	.12	1	2	59.8	.0
22F255/487	04:53:54	CLR	115.0	115.0	10	.12	1	2	59.4	.0
22G004/488	04:52:54	CLR	115.0	115.0	10	.12	1	2	59.1	.0
22H093/631	04:06:31	CLR	95.0	185.0	0	.12	1	4	51.0	.0
BOX 295 AZ 60 TO 70 EL 10 TO -0										
22F191/476	05:04:49	CLR	117.5	117.5	10	.12	1	2	61.8	.0
22F192/476	05:30:54	CLR	120.0	120.0	10	.12	1	4	66.7	.0
22F246/486	05:22:00	CLR	117.5	117.5	10	.12	1	4	64.7	.0
22G000/487	05:19:59	CLR	117.5	117.5	10	.12	1	4	64.3	.0
22G005/488	05:18:59	CLR	117.5	117.5	10	.12	1	4	64.0	.0
BOX 296 AZ 70 TO 80 EL 10 TO -0										
22F117/446	05:51:12	CLR	127.5	127.5	10	.12	1	1	72.0	.0
22F118/446	06:17:17	CLR	132.5	132.5	10	.12	1	4	76.8	.0
BOX 298 AZ 90 TO 100 EL 10 TO -0										
21E166/377	07:14:36	CLR	325.0	325.0	10	.12	1	1	93.7	.0

VL-2
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 298 AZ 90 TO 100 EL 10 TO -0										
21E167/377	07:41:52	CLR	330.0	330.0	10	.12	1	3	98.6	.0
BOX 298 AZ 90 TO 100 EL 10 TO 0										
22C107/132	06:24:59	CLR	87.5	145.0	10	.12	1	5	97.8	2.8
22F068/426	08:03:00	IR	192.5	195.0	10	.12	1	4	97.5	9.6
22F069/426	08:04:30	CLR	192.5	195.0	10	.12	1	4	97.7	9.9
BOX 301 AZ 120 TO 130 EL 10 TO 0										
22I007/872	08:28:52	CLR	182.5	185.0	10	.12	1	3	128.0	6.2
22I008/872	08:30:22	IR	182.5	185.0	10	.12	1	3	128.2	6.3
22I009/872	08:31:52	CLR	182.5	185.0	10	.12	1	5	128.5	6.5
22I010/872	08:33:22	IR	182.5	185.0	10	.12	1	5	128.8	6.7
BOX 302 AZ 130 TO 140 EL 10 TO 0										
21D097/208	08:59:59	CLR	182.5	187.5	-10	.12	1	3	134.0	9.0
21D198/245	09:37:38	CLR	260.0	285.0	-20	.12	1	3	138.9	7.0
22D098/208	09:04:59	IR	85.0	90.0	-20	.12	1	3	135.0	9.6
22D220/257	09:43:47	CLR	115.0	135.0	-30	.12	1	2	138.6	6.3
BOX 313 AZ 240 TO 250 EL 10 TO 0										
21D012/184	17:01:08	CLR	120.0	120.0	10	.12	1	4	245.2	1.0
BOX 314 AZ 250 TO 260 EL 10 TO 0										
21C143/145	17:41:02	CLR	132.5	132.5	10	.12	1	5	259.8	.5
21E171/377	19:02:09	CLR	127.5	127.5	10	.12	1	3	256.6	.7
BOX 315 AZ 260 TO 270 EL 10 TO -0										
21E172/377	19:29:25	CLR	132.5	132.5	10	.12	1	1	261.5	.0
21E173/377	19:56:41	CLR	137.5	137.5	10	.12	1	0	266.4	.0
BOX 315 AZ 260 TO 270 EL 10 TO 0										
22F005/408	19:29:07	CLR	325.0	325.0	10	.12	1	4	267.2	.3
BOX 316 AZ 270 TO 280 EL 10 TO -0										
22F006/408	19:55:12	CLR	330.0	330.0	10	.12	1	2	271.9	.0
22F007/408	20:21:17	CLR	332.5	332.5	10	.12	1	0	276.6	.0
BOX 317 AZ 280 TO 290 EL 10 TO 0										
21B074/039	18:40:59	CLR	22.5	27.5	-10	.12	1	5	284.3	9.5
21B075/039	18:42:59	IR	22.5	27.5	-10	.12	1	5	284.6	9.2
21B092/041	19:09:59	CLR	267.5	307.5	-20	.12	1	1	289.2	4.7
21B104/043	19:04:59	CLR	27.5	65.0	0	.12	1	1	288.1	5.2
21B124/045	19:04:59	CLR	122.5	180.0	0	.12	1	1	287.9	4.9
21B252/054	18:28:59	CLR	215.0	227.5	-30	.12	1	3	280.8	9.2
21B253/054	18:30:59	CLR	22.5	27.5	-10	.12	1	5	281.2	8.9
21B254/054	18:32:59	IR	22.5	27.5	-10	.12	1	5	281.5	8.5
21B255/054	18:34:59	IR	215.0	227.5	-30	.12	1	3	281.9	8.2
21C001/054	18:40:59	CLR	22.5	27.5	-10	.12	1	5	282.9	7.3

VL-2
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 317 AZ 280 TO 290 EL 10 TO 0										
21C002/054	18:42:59	IR	22.5	27.5	-10	.12	1	5	283.3	6.9
21C003/054	18:44:59	CLR	215.0	227.5	-30	.12	1	3	283.6	6.6
21C004/054	18:47:59	IR	215.0	227.5	-30	.12	1	3	284.1	6.1
22B076/039	19:09:59	CLR	75.0	197.5	-30	.12	1	1	289.3	5.0
22B087/040	19:09:59	CLR	197.5	255.0	10	.12	1	1	289.2	4.9
22B101/042	19:06:59	CLR	255.0	312.5	0	.12	1	1	288.5	5.0
22E092/329	13:13:59	IR	302.5	317.5	-10	.12	1	2	289.3	9.5
BOX 318 AZ 290 TO 300 EL 10 TO 0										
21A171/022	19:58:42	CLR	175.0	175.0	10	.12	1	5	299.1	.1
21B053/037	19:12:58	CLR	180.0	267.5	-30	.12	1	1	290.0	4.8
21F251/486	20:14:00	CLR	162.5	162.5	10	.12	1	4	290.4	.2
BOX 318 AZ 290 TO 300 EL 10 TO -0										
21F252/486	20:40:05	CLR	167.5	167.5	10	.12	1	2	295.1	.0
BOX 318 AZ 290 TO 300 EL 10 TO 0										
21G209/559	19:43:59	CLR	215.0	225.0	-30	.12	1	3	295.0	8.2
21G210/559	19:45:59	IR	215.0	225.0	-30	.12	1	3	295.4	7.9
22G130/542	19:55:21	IR	90.0	120.0	-30	.12	1	3	295.2	6.0
22G144/552	19:47:09	CLR	90.0	165.0	-30	.12	1	3	294.9	7.5
BOX 319 AZ 300 TO 310 EL 10 TO 0										
21A033/004	20:13:59	CLR	170.0	170.0	10	.12	1	4	302.7	.1
BOX 319 AZ 300 TO 310 EL 10 TO -0										
21F253/486	21:06:10	CLR	170.0	170.0	10	.12	1	0	300.0	.0
BOX 319 AZ 300 TO 310 EL 10 TO 0										
21G181/557	20:40:59	CLR	177.5	177.5	10	.12	1	5	304.8	.1
BOX 319 AZ 300 TO 310 EL 10 TO -0										
21G182/557	21:07:04	CLR	182.5	182.5	10	.12	1	3	309.6	.0
BOX 320 AZ 310 TO 320 EL 10 TO -0										
21G183/557	21:33:09	CLR	187.5	187.5	10	.12	1	2	314.6	.0
21G184/557	21:59:14	CLR	192.5	192.5	10	.12	1	1	319.7	.0
BOX 330 AZ 50 TO 60 EL 00 TO -10										
21A048/007	03:44:59	CLR	290.0	290.0	10	.12	1	4	50.1	-5.4
22B079/040	03:56:29	CLR	112.5	112.5	10	.12	1	2	55.8	-6.9
BOX 331 AZ 60 TO 70 EL 00 TO -10										
21B024/034	04:35:00	CLR	200.0	260.0	-20	.12	1	1	62.2	-.9
22B023/034	04:29:00	CLR	110.0	170.0	10	.12	1	5	61.1	-1.8
22B080/040	04:21:59	CLR	117.5	117.5	10	.12	1	4	60.6	-3.4

VL-2
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 331 AZ 60 TO 70 EL 00 TO -10										
BOX 334 AZ 90 TO 100 EL 00 TO -10										
22C182/160	05:40:14	CLR	150.0	150.0	10	.12	1	1	94.0	-9.9
22C183/160	06:01:44	CLR	155.0	155.0	10	.12	1	3	97.8	-6.4
BOX 335 AZ 100 TO 110 EL 00 TO -10										
22C184/160	06:23:14	CLR	160.0	160.0	10	.12	1	5	101.7	-3.0
22D000/184	06:17:38	CLR	162.5	162.5	10	.12	1	2	103.3	-8.9
22D001/184	06:45:08	CLR	167.5	167.5	10	.12	1	4	108.1	-4.6
BOX 336 AZ 110 TO 120 EL 00 TO -10										
21E022/293	08:08:30	CLR	260.0	285.0	-20	.12	1	0	116.2	-7.8
22E044/305	08:06:38	CLR	115.0	135.0	10	.12	1	0	113.9	-8.0
BOX 337 AZ 120 TO 130 EL 00 TO -10										
21D238/269	08:57:17	CLR	260.0	285.0	-20	.12	1	1	128.3	-.1
22E004/281	09:00:30	CLR	115.0	135.0	-30	.12	1	0	127.1	-.3
BOX 349 AZ 240 TO 250 EL 00 TO -10										
21D013/184	17:27:38	CLR	125.0	125.0	10	.12	1	2	249.9	-3.0
BOX 350 AZ 250 TO 260 EL 00 TO -10										
21D014/184	17:54:08	CLR	130.0	130.0	10	.12	1	0	254.6	-7.1
BOX 351 AZ 260 TO 270 EL 00 TO -10										
21C144/145	18:02:32	CLR	137.5	137.5	10	.12	1	3	263.6	-3.0
21C145/145	18:24:02	CLR	142.5	142.5	10	.12	1	1	267.5	-6.5
BOX 352 AZ 270 TO 280 EL 00 TO -10										
21H224/779	18:57:35	CLR	155.0	157.5	10	.12	1	4	279.2	-5.6
BOX 353 AZ 280 TO 290 EL 00 TO -10										
21H210/774	19:00:30	CLR	155.0	157.5	10	.12	1	4	280.5	-5.1
BOX 355 AZ 300 TO 310 EL 00 TO -10										
21A172/022	20:24:17	CLR	177.5	177.5	10	.12	1	2	303.8	-3.5
21A173/022	20:49:52	CLR	182.5	182.5	10	.12	1	1	308.6	-6.8
BOX 366 AZ 50 TO 60 EL -10 TO -20										
22B078/040	03:30:59	CLR	107.5	107.5	10	.12	1	0	50.8	-10.0
22F190/476	04:38:44	CLR	112.5	112.5	10	.12	1	0	56.7	-11.0
22F244/486	04:29:50	CLR	110.0	110.0	10	.12	1	0	54.7	-11.0
22F254/487	04:27:49	CLR	110.0	110.0	10	.12	1	0	54.3	-11.0
22G003/488	04:26:49	CLR	110.0	110.0	10	.12	1	0	54.0	-11.0

VL-2
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 366 AZ 50 TO 60	EL -10 TO -20									
BOX 367 AZ 60 TO 70	EL -10 TO -20									
22F116/446	05:25:07	CLR	122.5	122.5	10	.12	1	0	67.1	-11.0
BOX 369 AZ 80 TO 90	EL -10 TO -20									
21E165/377	06:47:20	CLR	320.0	320.0	10	.12	1	0	88.8	-12.0
BOX 370 AZ 90 TO 100	EL -10 TO -20									
21E083/329	06:51:09	IR	235.0	260.0	10	.12	1	0	96.9	-18.0
22C255/184	05:51:08	CLR	160.0	160.0	10	.12	1	0	98.7	-13.0
BOX 371 AZ 100 TO 110	EL -10 TO -20									
21E043/305	07:41:05	IR	235.0	260.0	10	.12	1	0	109.6	-11.0
21E062/317	07:15:24	CLR	260.0	285.0	10	.12	1	0	103.2	-15.0
22E063/317	07:40:58	IR	275.0	295.0	10	.12	1	0	107.5	-11.0
22E084/329	07:16:43	CLR	115.0	135.0	10	.12	1	0	101.4	-14.0
BOX 393 AZ 320 TO 330	EL -10 TO -20									
21G185/557	22:25:19	CLR	197.5	197.5	10	.12	1	0	325.1	-11.0
BOX 404 AZ 70 TO 80	EL -20 TO -30									
21E123/353	05:36:12	IR	235.0	260.0	10	.12	1	0	79.0	-27.0
22E143/365	05:35:59	IR	275.0	295.0	10	.12	1	0	77.1	-26.0
22E164/377	05:10:03	CLR	115.0	135.0	10	.12	1	0	70.1	-28.0
BOX 405 AZ 80 TO 90	EL -20 TO -30									
22E124/353	06:01:46	CLR	115.0	135.0	10	.12	1	0	83.9	-23.0
BOX 425 AZ 280 TO 290	EL -20 TO -30									
21E224/396	21:30:29	IR	235.0	260.0	10	.12	1	0	287.4	-20.0
BOX 430 AZ 330 TO 340	EL -20 TO -30									
22B168/048	22:55:17	SURV	275.0	280.0	20	.04	1	0	335.0	-23.0
BOX 431 AZ 340 TO 350	EL -20 TO -30									
22B175/048	23:45:23	SURV	242.5	247.5	30	.04	1	1	347.7	-26.0
BOX 439 AZ 60 TO 70	EL -30 TO -40									
21E163/377	04:44:52	IR	235.0	260.0	10	.12	1	0	64.7	-31.0
BOX 440 AZ 70 TO 80	EL -30 TO -40									
21E142/365	05:10:26	CLR	260.0	285.0	10	.12	1	0	71.9	-30.0

VISUAL COLOR AND IR SINGLET CAMERA EVENTS

VL-2 Visual Color and IR Singlet Camera Events

VL-2
VISUAL COLOR AND INFRARED SINGLET CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22C085/111	10:59:59	RED	315.0	325.0	-30	.12	1	4	158.8	42.1
22C126/144	14:24:59	BLU	115.0	160.0	-10	.04	1	2	219.5	28.1
22C127/144	14:29:59	GRN	115.0	160.0	-10	.04	1	2	220.7	27.5
22C128/144	14:34:59	RED	115.0	160.0	-10	.04	1	2	221.9	27.0
21C130/145	10:49:59	BLU	145.0	165.0	-10	.04	1	3	158.5	33.4
21C131/145	10:52:59	GRN	145.0	165.0	-10	.04	1	3	159.3	33.6
21C132/145	10:55:59	RED	145.0	165.0	-10	.04	1	3	160.1	33.8
21C134/145	10:58:59	BLU	235.0	255.0	-10	.04	1	3	161.0	34.0
21C135/145	11:01:59	GRN	235.0	255.0	-10	.04	1	3	161.9	34.1
21C136/145	11:04:59	RED	235.0	255.0	-10	.04	1	3	162.7	34.3
22C209/170	09:00:00	RED	82.5	82.5	-10	.04	1	2	133.0	17.4
21C225/173	11:01:59	BLU	295.0	300.0	-10	.04	1	3	162.2	27.3
21C226/173	11:03:59	GRN	295.0	300.0	-10	.04	1	3	162.8	27.4
21C227/173	11:05:59	RED	295.0	300.0	-10	.04	1	3	163.3	27.5
21C229/173	12:59:59	BLU	295.0	300.0	-10	.04	1	3	193.9	28.0
21C230/173	13:01:59	GRN	295.0	300.0	-10	.04	1	3	194.4	27.9
21C231/173	13:03:59	RED	295.0	300.0	-10	.04	1	3	194.9	27.8
22C236/173	14:32:59	BLU	55.0	70.0	-10	.04	1	3	217.1	21.4
22C237/173	14:35:59	GRN	55.0	70.0	-10	.04	1	3	217.8	21.1
22C238/173	14:38:59	RED	55.0	70.0	-10	.04	1	3	218.5	20.8
21C240/173	15:02:59	BLU	295.0	300.0	-10	.04	1	3	223.8	18.2
21C241/173	15:04:59	GRN	295.0	300.0	-10	.04	1	3	224.3	18.0
21C242/173	15:06:59	RED	295.0	300.0	-10	.04	1	3	224.7	17.8
21C246/174	09:31:59	BLU	295.0	300.0	-10	.04	1	3	140.3	20.0
21C247/174	09:33:59	GRN	295.0	300.0	-10	.04	1	3	140.7	20.3
21C248/174	09:35:59	RED	295.0	300.0	-10	.04	1	3	141.2	20.5
21C249/174	09:59:59	BLU	295.0	300.0	-10	.04	1	3	146.8	22.8
21C250/174	10:01:59	GRN	295.0	300.0	-10	.04	1	3	147.2	22.9
21C251/174	10:03:59	RED	295.0	300.0	-10	.04	1	3	147.7	23.1
21D051/198	11:15:00	BLU	295.0	300.0	-10	.04	1	2	164.4	22.4
21D052/198	11:17:00	GRN	295.0	300.0	-10	.04	1	3	164.9	22.5
21D053/198	11:19:00	RED	295.0	300.0	-10	.04	1	3	165.4	22.6
22D054/198	11:25:00	BLU	55.0	70.0	-10	.04	1	2	166.9	22.8
22D055/198	11:28:00	GRN	55.0	70.0	-10	.04	1	3	167.6	22.9
22D056/198	11:31:00	RED	55.0	70.0	-10	.04	1	3	168.4	23.0
22D139/218	13:25:00	BLU	115.0	135.0	-30	.12	1	2	193.7	19.4
22D140/218	13:27:00	GRN	115.0	135.0	-30	.12	1	2	194.2	19.3
22D141/218	13:29:00	RED	115.0	135.0	-30	.12	1	3	194.6	19.2
22D150/219	11:24:59	BLU	135.0	152.5	-30	.12	1	2	164.8	19.0
22D151/219	11:27:29	GRN	135.0	152.5	-30	.12	1	2	165.4	19.1
22D152/219	11:29:59	RED	135.0	152.5	-30	.12	1	3	166.0	19.2
21D156/219	11:57:59	BLU	235.0	260.0	-20	.12	1	2	172.7	20.0
21D157/219	12:00:29	GRN	235.0	260.0	-20	.12	1	2	173.3	20.1
21D158/219	12:02:59	RED	235.0	260.0	-20	.12	1	3	173.9	20.1
22D169/221	12:59:58	BLU	115.0	135.0	-30	.12	1	2	187.3	19.8
22D170/221	13:01:58	GRN	115.0	135.0	-30	.12	1	2	187.7	19.7
22D171/221	13:03:58	RED	115.0	135.0	-30	.12	1	3	188.2	19.7
22D173/221	13:29:58	BLU	135.0	152.5	-30	.12	1	2	194.4	18.8
22D174/221	13:31:58	GRN	135.0	152.5	-30	.12	1	2	194.8	18.8
22D175/221	13:33:58	RED	135.0	152.5	-30	.12	1	3	195.3	18.7
21D184/233	12:11:59	BLU	235.0	260.0	-20	.12	1	2	174.0	18.5
21D185/233	12:14:29	GRN	235.0	260.0	-20	.12	1	2	174.6	18.6
21D186/233	12:16:59	RED	235.0	260.0	-20	.12	1	3	175.2	18.6
21D192/233	14:09:58	BLU	260.0	285.0	-20	.12	1	2	201.4	15.9
21D193/233	14:12:28	GRN	260.0	285.0	-20	.12	1	2	202.0	15.8
21D194/233	14:14:58	RED	260.0	285.0	-20	.12	1	3	202.5	15.6
22D209/245	12:59:29	BLU	115.0	135.0	-30	.12	1	3	183.2	17.8
22D210/245	13:01:29	GRN	115.0	135.0	-30	.12	1	3	183.6	17.7
22D211/245	13:03:29	RED	115.0	135.0	-30	.12	1	4	184.1	17.7
22D213/245	13:29:29	BLU	135.0	152.5	-30	.12	1	2	190.1	17.2
22D214/245	13:31:29	GRN	135.0	152.5	-30	.12	1	2	190.6	17.1
22D215/245	13:33:29	RED	135.0	152.5	-30	.12	1	3	191.0	17.1
21D224/257	12:11:29	BLU	235.0	260.0	-20	.12	1	3	170.1	16.8
21D225/257	12:13:59	GRN	235.0	260.0	-20	.12	1	3	170.7	16.9
21D226/257	12:16:29	RED	235.0	260.0	-20	.12	1	4	171.2	16.9
21D232/257	14:09:29	BLU	260.0	285.0	-20	.12	1	3	197.2	15.6
21D233/257	14:11:59	GRN	260.0	285.0	-20	.12	1	3	197.7	15.4
21D234/257	14:14:29	RED	260.0	285.0	-20	.12	1	4	198.3	15.3
22D249/269	12:59:01	BLU	115.0	135.0	-30	.12	1	3	179.1	17.4
22D250/269	13:01:01	GRN	115.0	135.0	-30	.12	1	3	179.6	17.5

VL-2

VISUAL COLOR AND INFRARED SINGLET CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22D251/269	13:03:01	RED	115.0	135.0	-30	.12	1	4	180.0	17.5
22D253/269	13:29:01	BLU	135.0	152.5	-30	.12	1	3	186.0	17.2
22D254/269	13:31:01	GRN	135.0	152.5	-30	.12	1	3	186.5	17.2
22D255/269	13:33:01	RED	135.0	152.5	-30	.12	1	4	187.0	17.2
21E008/281	12:11:01	BLU	235.0	260.0	-20	.12	1	3	166.1	16.8
21E009/281	12:13:31	GRN	235.0	260.0	-20	.12	1	3	166.7	16.9
21E010/281	12:16:01	RED	235.0	260.0	-20	.12	1	4	167.3	17.0
21E016/281	14:09:01	BLU	260.0	285.0	-20	.12	1	3	193.5	16.9
21E017/281	14:11:31	GRN	260.0	285.0	-20	.12	1	3	194.0	16.8
21E018/281	14:14:01	RED	260.0	285.0	-20	.12	1	4	194.6	16.7
22E033/293	12:59:02	BLU	115.0	135.0	-30	.12	1	3	175.5	18.8
22E034/293	13:01:02	GRN	115.0	135.0	-30	.12	1	3	176.0	18.9
22E035/293	13:03:02	RED	115.0	135.0	-30	.12	1	3	176.4	18.9
22E037/293	13:29:02	BLU	135.0	152.5	-30	.12	1	3	182.6	18.9
22E038/293	13:31:02	GRN	135.0	152.5	-30	.12	1	3	183.0	18.9
22E039/293	13:33:02	RED	135.0	152.5	-30	.12	1	3	183.5	18.9
21E048/305	12:11:02	BLU	235.0	260.0	-20	.12	1	2	162.6	18.5
21E049/305	12:13:32	GRN	235.0	260.0	-20	.12	1	2	163.2	18.6
21E050/305	12:16:02	RED	235.0	260.0	-20	.12	1	2	163.7	18.7
21E056/305	14:09:02	BLU	260.0	285.0	-20	.12	1	2	190.7	19.6
21E057/305	14:11:32	GRN	260.0	285.0	-20	.12	1	2	191.3	19.6
21E058/305	14:14:02	RED	260.0	285.0	-20	.12	1	2	191.9	19.5
22E073/317	12:59:02	BLU	115.0	135.0	-30	.12	1	3	172.6	21.7
22E074/317	13:01:02	GRN	115.0	135.0	-30	.12	1	3	173.1	21.8
22E075/317	13:03:02	RED	115.0	135.0	-30	.12	1	3	173.6	21.8
22E077/317	13:29:02	BLU	135.0	152.5	-30	.12	1	2	180.0	22.0
22E078/317	13:31:02	GRN	135.0	152.5	-30	.12	1	2	180.5	22.0
22E079/317	13:33:02	RED	135.0	152.5	-30	.12	1	2	181.0	22.0
22E088/329	12:10:59	BLU	102.5	127.5	-30	.12	1	3	278.5	19.5
22E089/329	12:13:29	GRN	102.5	127.5	-30	.12	1	3	278.9	19.1
22E090/329	12:15:59	RED	102.5	127.5	-30	.12	1	3	279.4	18.7
22E096/329	14:08:59	IR3	102.5	127.5	-30	.12	1	3	298.8	1.3
22E097/329	14:11:29	IR2	102.5	127.5	-30	.12	1	3	299.3	1.0
22E098/329	14:13:59	IR1	102.5	127.5	-30	.12	1	3	299.7	.6
21E113/341	12:58:59	BLU	210.0	230.0	-20	.12	1	3	285.9	10.4
21E114/341	13:00:59	GRN	210.0	230.0	-20	.12	1	3	286.2	10.1
21E115/341	13:02:59	RED	210.0	230.0	-20	.12	1	3	286.6	9.8
21E117/341	13:28:59	IR3	210.0	227.5	-20	.12	1	3	178.4	26.2
21E118/341	13:30:59	IR2	210.0	227.5	-20	.12	1	3	178.9	26.2
21E119/341	13:32:59	IR1	210.0	227.5	-20	.12	1	3	179.4	26.2
22E128/353	12:11:00	BLU	102.5	127.5	-30	.12	1	3	157.5	25.8
22E129/353	12:13:30	GRN	102.5	127.5	-30	.12	1	3	158.1	26.0
22E130/353	12:16:00	RED	102.5	127.5	-30	.12	1	3	158.7	26.2
22E136/353	14:08:59	IR3	102.5	127.5	-30	.12	1	3	188.8	28.2
22E137/353	14:11:29	IR2	102.5	127.5	-30	.12	1	3	189.4	28.1
22E138/353	14:13:59	IR1	102.5	127.5	-30	.12	1	3	190.1	28.0
21E153/365	12:59:00	BLU	210.0	230.0	-20	.12	1	3	169.6	30.5
21E154/365	13:01:00	GRN	210.0	230.0	-20	.12	1	3	170.2	30.6
21E155/365	13:03:00	RED	210.0	230.0	-20	.12	1	3	170.7	30.6
21E157/365	13:29:00	IR3	210.0	227.5	-20	.12	1	3	177.9	31.1
21E158/365	13:31:00	IR2	210.0	227.5	-20	.12	1	3	178.5	31.1
21E159/365	13:33:00	IR1	210.0	227.5	-20	.12	1	3	179.1	31.1
22F042/416	15:52:50	BLU	205.0	265.0	10	.12	10	5	224.0	33.1
22F043/416	15:55:59	BLU	95.0	205.0	10	.12	1	4	224.8	32.7
22F053/417	15:43:03	BLU	15.0	205.0	-30	.12	1	4	221.7	34.3
21F094/432	12:59:59	BLU	217.5	260.0	-30	.12	1	4	172.6	45.3
22F096/433	12:29:59	BLU	270.0	315.0	-20	.12	1	4	162.4	44.5
21F097/433	12:59:59	BLU	40.0	60.0	-20	.12	1	4	172.7	45.5
21F108/440	17:32:46	BLU	165.0	217.5	-30	.12	1	3	251.8	22.4
22F149/451	10:52:00	BLU	135.0	175.0	10	.12	1	5	132.6	39.8
22F150/451	10:54:00	BLU	5.0	135.0	10	.12	1	4	133.1	40.1
22F228/481	11:04:59	BLU	147.5	157.5	-30	.04	1	4	135.8	47.5
22F229/481	11:06:59	RED	147.5	157.5	-30	.04	1	4	136.5	47.7
22F230/481	11:08:59	GRN	147.5	157.5	-30	.04	1	4	137.1	47.9
21G177/557	16:40:59	BLU	145.0	185.0	10	.12	1	5	263.0	37.2
21G178/557	16:43:04	BLU	185.0	307.5	10	.12	1	4	263.5	36.9
21H004/593	09:10:50	BLU	285.0	325.0	10	.12	1	5	103.5	45.2
21H005/593	09:15:50	BLU	155.0	285.0	10	.12	1	4	104.6	46.0
21H076/629	09:00:40	BLU	282.5	322.5	10	.12	1	5	102.7	44.4
21H077/629	09:02:58	BLU	152.5	282.5	10	.12	1	4	103.2	44.8

VL-2

VISUAL COLOR AND INFRARED SINGLET CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
21H120/667	09:07:59	BLU	280.0	330.0	10	.12	1	5	108.0	44.7
21H126/667	17:03:00	BLU	152.5	202.5	10	.12	1	5	270.1	30.1
21H151/704	09:20:59	BLU	285.0	335.0	10	.12	1	5	116.8	43.9
21H157/704	16:43:59	BLU	145.0	195.0	10	.12	1	5	263.7	29.0
21H183/741	09:51:59	BLU	12.5	62.5	10	.12	1	5	132.0	43.4
21H189/741	16:29:59	BLU	137.5	187.5	10	.12	1	5	257.0	25.4
21H217/778	10:46:59	BLU	30.0	80.0	10	.12	1	5	154.5	41.6
21H221/779	15:21:37	BLU	117.5	167.5	10	.12	1	5	237.6	28.3
21H225/780	07:26:50	BLU	210.0	230.0	-30	.12	1	3	105.9	16.3
21H253/853	13:19:57	RED	215.0	232.5	-30	.12	1	4	197.6	24.8
22I022/872	11:18:52	BLU	135.0	152.5	-30	.12	1	2	165.0	21.5
22I023/872	11:20:52	GRN	135.0	152.5	-30	.12	1	2	165.5	21.6
22I024/872	11:22:52	RED	135.0	152.5	-30	.12	1	3	165.9	21.7
22I025/872	11:24:52	BLU	135.0	152.5	-30	.12	1	3	166.4	21.7
22I026/872	11:26:52	GRN	135.0	152.5	-30	.12	1	3	166.9	21.8
22I027/872	11:28:52	RED	135.0	152.5	-30	.12	1	4	167.4	21.9
21I030/872	11:39:52	BLU	210.0	230.0	-30	.12	1	4	170.1	22.2
21I031/872	11:41:52	BLU	210.0	230.0	-30	.12	1	3	170.6	22.3
22I036/872	12:23:52	BLU	167.5	227.5	10	.12	1	5	181.0	22.8
22I039/872	13:13:52	BLU	115.0	135.0	-30	.12	1	2	193.4	21.8
22I040/872	13:15:52	GRN	115.0	135.0	-30	.12	1	2	193.9	21.7
22I041/872	13:17:52	RED	115.0	135.0	-30	.12	1	3	194.3	21.6
22I042/872	13:19:52	BLU	115.0	135.0	-30	.12	1	3	194.8	21.5
22I043/872	13:21:52	GRN	115.0	135.0	-30	.12	1	3	195.3	21.4
22I044/872	13:23:52	RED	115.0	135.0	-30	.12	1	4	195.8	21.3
21I070/955	12:58:59	BLU	210.0	230.0	-30	.12	1	3	176.4	18.3
21I071/955	13:00:59	BLU	210.0	230.0	-30	.12	1	4	176.9	18.3
22I072/955	13:28:59	BLU	135.0	152.5	-30	.12	1	2	183.5	18.3
22I073/955	13:30:59	GRN	135.0	152.5	-30	.12	1	2	183.9	18.3
22I074/955	13:32:59	RED	135.0	152.5	-30	.12	1	3	184.4	18.3
22I075/955	13:34:59	BLU	135.0	152.5	-30	.12	1	3	184.9	18.2
22I076/955	13:36:59	GRN	135.0	152.5	-30	.12	1	3	185.3	18.2
22I077/955	13:38:59	RED	135.0	152.5	-30	.12	1	4	185.8	18.2

BLUE SKY BRIGHTNESS CAMERA EVENTS

VL-2 Blue Sky Brightness Camera Events

VL-2
BLUE SKY BRIGHTNESS CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22F042/416	15:52:50	BLU	205.0	265.0	10	.12	10	5	224.0	33.1
22F043/416	15:55:59	BLU	95.0	205.0	10	.12	1	4	224.8	32.7
22F149/451	10:52:00	BLU	135.0	175.0	10	.12	1	5	132.6	39.8
22F150/451	10:54:00	BLU	5.0	135.0	10	.12	1	4	133.1	40.1
21G177/557	16:40:59	BLU	145.0	185.0	10	.12	1	5	263.0	37.2
21G178/557	16:43:04	BLU	185.0	307.5	10	.12	1	4	263.5	36.9
21H004/593	09:10:50	BLU	285.0	325.0	10	.12	1	5	103.5	45.2
21H005/593	09:15:50	BLU	155.0	285.0	10	.12	1	4	104.6	46.0
21H076/629	09:00:40	BLU	282.5	322.5	10	.12	1	5	102.7	44.4
21H077/629	09:02:58	BLU	152.5	282.5	10	.12	1	4	103.2	44.8
21H120/667	09:07:59	BLU	280.0	330.0	10	.12	1	5	108.0	44.7
21H126/667	17:03:00	BLU	152.5	202.5	10	.12	1	5	270.1	30.1
21H151/704	09:20:59	BLU	285.0	335.0	10	.12	1	5	116.8	43.9
21H157/704	16:43:59	BLU	145.0	195.0	10	.12	1	5	263.7	29.0
21H183/741	09:51:59	BLU	12.5	62.5	10	.12	1	5	132.0	43.4
21H189/741	16:29:59	BLU	137.5	187.5	10	.12	1	5	257.0	25.4
21H217/778	10:46:59	BLU	30.0	80.0	10	.12	1	5	154.5	41.6
21H221/779	15:21:37	BLU	117.5	167.5	10	.12	1	5	237.6	28.3
22I036/872	12:23:52	BLU	167.5	227.5	10	.12	1	5	181.0	22.8

SUN IMAGERY CAMERA EVENTS

VL-2 Sun Imagery Camera Events

VL-2
SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
21A047/006	17:57:00	SUN	132.5	167.5	10	.12	1	2	279.1	20.6
21A049/007	06:12:00	SUN	285.0	320.0	10	.12	1	1	76.0	15.9
21A112/015	18:22:25	SUN	152.5	157.5	30	.04	1	3	282.8	15.6
21A113/015	19:07:25	SUN	160.0	165.0	20	.04	1	2	290.5	8.6
21A169/022	18:06:16	SUN	150.0	155.0	30	.04	1	3	279.6	17.3
21A170/022	18:40:01	SUN	155.0	160.0	30	.04	1	3	285.4	12.0
22A201/025	05:21:31	SUN	122.5	127.5	10	.04	1	2	69.4	6.8
22A202/025	06:06:31	SUN	130.0	135.0	10	.04	1	3	77.1	13.8
22A203/025	06:46:31	SUN	137.5	142.5	20	.04	1	3	84.0	20.3
21A231/028	18:18:11	SUN	152.5	155.0	30	.04	1	3	281.2	14.7
21A232/028	19:03:11	SUN	160.0	162.5	20	.04	1	2	289.0	7.6
21B006/031	18:06:00	SUN	150.0	152.5	30	.04	1	3	278.9	16.2
21B007/031	19:04:00	SUN	160.0	162.5	20	.04	1	2	288.9	7.1
22B081/040	05:19:59	SUN	125.0	127.5	10	.04	1	1	71.0	5.2
22B082/040	06:02:44	SUN	132.5	135.0	10	.04	1	3	78.5	12.0
22B083/040	06:43:59	SUN	140.0	142.5	20	.04	1	4	85.7	18.6
22B105/044	05:29:23	SUN	127.5	130.0	10	.04	1	1	73.2	6.3
22B106/044	05:59:23	SUN	132.5	135.0	10	.04	1	2	78.5	11.0
21B160/048	18:01:02	SUN	147.5	150.0	30	.04	1	3	276.5	14.6
21B161/048	18:42:29	SUN	155.0	157.5	20	.04	1	2	283.7	8.0
21B222/052	16:52:41	SUN	132.5	137.5	30	.04	1	3	263.7	25.1
21B223/052	17:57:41	SUN	145.0	150.0	30	.04	1	3	275.5	14.6
21B224/052	18:42:41	SUN	152.5	157.5	20	.04	1	2	283.4	7.3
21B242/054	16:52:42	SUN	132.5	137.5	30	.04	1	3	263.5	24.8
21B247/054	17:57:41	SUN	145.0	150.0	30	.04	1	3	275.3	14.2
21C000/054	18:38:59	SUN	152.5	157.5	20	.04	1	2	282.6	7.6
22C005/055	05:13:55	SUN	125.0	130.0	0	.04	1	0	72.1	2.7
22C006/055	05:33:55	SUN	127.5	137.5	0	.04	1	1	75.7	5.9
22C007/055	06:08:55	SUN	135.0	140.0	10	.04	1	2	81.8	11.4
21C071/073	17:36:20	SUN	140.0	142.5	30	.04	1	3	269.4	14.5
21C072/073	18:16:20	SUN	147.5	150.0	20	.04	1	2	276.6	8.0
21C073/088	17:19:59	SUN	135.0	137.5	30	.04	1	3	264.6	14.5
21C074/088	17:58:32	SUN	142.5	145.0	20	.04	1	2	271.6	8.2
22C076/111	06:47:01	SUN	152.5	155.0	10	.04	1	2	98.3	10.0
22C083/111	07:42:01	SUN	162.5	165.0	20	.04	1	3	108.8	18.7
21C086/111	17:09:02	SUN	130.0	132.5	20	.04	1	3	259.4	11.9
21C087/111	17:47:02	SUN	137.5	140.0	20	.04	1	2	266.4	5.8
22C088/120	06:52:44	SUN	155.0	157.5	10	.04	1	2	100.9	9.4
22C089/120	08:25:44	SUN	172.5	175.0	20	.04	1	3	119.4	23.6
22C090/120	09:14:44	SUN	182.5	185.0	30	.04	1	3	130.5	30.2
22C091/120	10:19:44	SUN	197.5	200.0	30	.04	1	3	147.7	37.1
21C105/131	16:35:16	SUN	120.0	122.5	30	.04	1	3	249.9	13.4
21C106/131	17:25:16	SUN	130.0	132.5	20	.04	1	2	259.3	5.5
22C108/132	06:55:41	SUN	157.5	160.0	0	.04	1	2	103.5	7.7
22C112/132	08:15:41	SUN	172.5	175.0	20	.04	1	3	119.1	19.8
21C140/145	16:11:02	SUN	112.5	115.0	30	.04	1	2	242.8	14.4
21C142/145	17:11:02	SUN	125.0	127.5	20	.04	1	0	254.3	5.3
22C146/146	07:11:27	SUN	162.5	165.0	0	.04	1	0	108.6	7.5
22C147/146	08:31:27	SUN	177.5	180.0	20	.04	1	2	124.4	19.1
22C177/159	15:01:49	SUN	277.5	280.0	30	.04	1	3	225.9	20.9
21C179/159	16:11:49	SUN	110.0	112.5	20	.04	1	2	240.6	11.8
22C185/160	08:47:14	SUN	182.5	185.0	20	.04	1	1	129.4	18.1
22C186/160	09:47:14	SUN	195.0	197.5	20	.04	1	2	143.0	24.9
22C187/160	10:52:14	SUN	210.0	212.5	30	.04	1	2	159.6	29.9
22C188/160	12:17:14	SUN	232.5	235.0	30	.04	1	3	183.3	32.0
22C224/173	11:00:05	SUN	212.5	215.0	30	.04	1	1	161.8	27.3
22C228/173	12:07:25	SUN	230.0	232.5	30	.04	1	2	179.7	29.0
22C232/173	13:12:25	SUN	247.5	250.0	30	.04	1	2	197.1	27.4
22C233/173	14:00:05	SUN	260.0	262.5	30	.04	1	2	209.2	24.4
22C239/173	15:00:05	SUN	275.0	277.5	30	.04	1	2	223.2	18.6
22C243/173	15:22:35	SUN	280.0	282.5	30	.04	1	1	228.0	15.9
22C245/174	09:30:30	SUN	192.5	195.0	20	.04	1	0	139.9	19.9
22C252/174	10:15:30	SUN	202.5	205.0	30	.04	1	1	150.5	24.1
22D002/184	10:14:38	SUN	202.5	205.0	20	.04	1	1	150.4	21.7
22D003/184	10:48:08	SUN	210.0	212.5	20	.04	1	1	158.5	24.0
22D005/184	11:29:38	SUN	220.0	222.5	30	.04	1	1	169.0	25.9
22D006/184	12:09:38	SUN	230.0	232.5	30	.04	1	1	179.5	26.6
22D007/184	12:49:38	SUN	240.0	242.5	30	.04	1	1	189.9	26.0
22D008/184	13:27:08	SUN	250.0	252.5	30	.04	1	1	199.5	24.5

VL-2
SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22D010/184	14:17:08	SUN	262.5	265.0	30	.04	1	1	211.6	21.0
22D011/184	14:47:08	SUN	270.0	272.5	30	.04	1	1	218.4	18.2
22D016/187	13:37:53	SUN	252.5	255.0	30	.04	1	1	201.7	23.3
22D021/188	13:38:18	SUN	252.5	255.0	30	.04	1	1	201.7	23.1
22D022/189	10:38:41	SUN	207.5	210.0	20	.04	1	1	156.1	22.3
22D027/190	10:39:38	SUN	207.5	210.0	20	.04	1	1	156.2	22.2
22D033/191	10:34:32	SUN	207.5	210.0	20	.04	1	1	155.0	21.6
22D035/192	10:34:57	SUN	207.5	210.0	20	.04	1	1	155.1	21.4
22D040/193	11:40:49	SUN	222.5	225.0	30	.04	1	1	171.3	24.3
22D044/194	11:41:16	SUN	222.5	225.0	30	.04	1	1	171.3	24.1
22D045/195	11:41:40	SUN	222.5	225.0	30	.04	1	1	171.3	23.9
22D047/196	11:42:05	SUN	222.5	225.0	30	.04	1	1	171.3	23.7
22D048/197	11:42:28	SUN	222.5	225.0	30	.04	1	1	171.3	23.5
22D058/198	11:42:55	SUN	222.5	225.0	30	.04	1	1	171.4	23.4
22D059/199	09:38:19	SUN	195.0	197.5	10	.04	1	1	142.0	15.1
22D060/199	10:48:19	SUN	210.0	212.5	20	.04	1	2	157.9	20.8
22D061/199	11:43:19	SUN	222.5	225.0	30	.04	1	1	171.4	23.2
22D062/199	12:03:19	SUN	227.5	230.0	30	.04	1	2	176.4	23.5
21D063/199	12:05:49	SUN	45.0	47.5	30	.04	1	2	177.0	23.5
22D066/199	13:13:19	SUN	245.0	247.5	30	.04	1	2	193.9	22.5
22D067/199	14:15:49	SUN	260.0	262.5	30	.04	1	2	208.8	18.8
22D074/200	11:43:44	SUN	222.5	225.0	30	.04	1	1	171.4	23.0
22D075/201	11:44:07	SUN	222.5	225.0	30	.04	1	1	171.4	22.8
22D077/201	14:25:59	SUN	262.5	265.0	30	.04	1	1	210.7	17.7
22D078/202	11:44:34	SUN	222.5	225.0	30	.04	1	1	171.4	22.6
22D085/203	11:44:58	SUN	222.5	225.0	30	.04	1	1	171.4	22.4
22D086/204	11:45:23	SUN	222.5	225.0	30	.04	1	1	171.4	22.3
22D087/205	11:45:46	SUN	222.5	225.0	30	.04	1	1	171.4	22.1
22D091/206	10:36:13	SUN	207.5	210.0	20	.04	1	1	154.7	18.6
21D096/207	12:31:37	SUN	50.0	52.5	20	.04	1	1	182.4	22.1
22D101/208	11:47:07	SUN	222.5	225.0	30	.04	1	1	171.4	21.6
22D108/209	11:47:25	SUN	222.5	225.0	30	.04	1	1	171.3	21.4
22D109/210	11:47:52	SUN	222.5	225.0	30	.04	1	1	171.3	21.3
22D110/211	11:48:16	SUN	222.5	225.0	30	.04	1	1	171.3	21.1
22D111/212	10:38:41	SUN	207.5	210.0	20	.04	1	1	154.8	17.6
22D112/213	11:49:04	SUN	222.5	225.0	20	.04	1	1	171.3	20.8
22D118/214	11:49:31	SUN	222.5	225.0	20	.04	1	1	171.3	20.6
22D127/215	11:49:55	SUN	222.5	225.0	20	.04	1	1	171.2	20.5
22D129/216	11:50:20	SUN	222.5	225.0	20	.04	1	1	171.2	20.3
22D132/217	11:50:43	SUN	222.5	225.0	20	.04	1	1	171.2	20.2
21D133/218	12:36:10	SUN	50.0	52.5	20	.04	1	1	182.0	20.5
22D155/219	11:51:34	SUN	222.5	225.0	20	.04	1	1	171.1	19.9
22D159/220	09:37:59	SUN	195.0	197.5	10	.04	1	1	141.1	10.9
21D162/221	11:29:58	SUN	20.0	45.0	10	.12	1	1	165.8	18.9
22D172/221	13:19:58	SUN	232.5	257.5	10	.12	1	0	192.0	19.2
22D183/233	11:29:59	SUN	205.0	230.0	10	.12	1	1	164.3	17.2
22D189/233	13:19:58	SUN	232.5	257.5	10	.12	1	0	190.0	18.1
21D202/245	11:29:29	SUN	20.0	45.0	10	.12	1	1	162.4	15.9
22D212/245	13:19:29	SUN	232.5	257.5	10	.12	1	2	187.8	17.4
22D223/257	11:29:29	SUN	205.0	230.0	10	.12	1	1	160.6	15.1
22D229/257	13:19:29	SUN	232.5	257.5	10	.12	1	1	185.8	17.2
21D242/269	11:29:01	SUN	20.0	45.0	10	.12	1	1	158.6	14.6
22D252/269	13:19:01	SUN	232.5	257.5	10	.12	1	2	183.7	17.4
22E007/281	11:29:01	SUN	205.0	230.0	10	.12	1	1	156.7	14.6
22E013/281	13:19:01	SUN	232.5	257.5	10	.12	1	1	181.9	18.0
21E026/293	11:29:02	SUN	20.0	45.0	10	.12	1	1	154.8	15.1
22E036/293	13:19:02	SUN	232.5	257.5	10	.12	1	2	180.2	19.0
22E047/305	11:29:02	SUN	182.5	207.5	10	.12	1	0	153.0	15.9
22E053/305	13:19:02	SUN	220.0	245.0	10	.12	1	1	178.7	20.3
21E066/317	11:29:02	SUN	10.0	35.0	10	.12	1	0	151.3	17.1
22E076/317	13:19:02	SUN	220.0	245.0	10	.12	1	1	177.5	22.0
22E087/329	11:29:03	SUN	182.5	207.5	10	.12	1	0	271.2	26.3
22E093/329	13:19:03	SUN	220.0	245.0	10	.12	1	1	290.1	8.7
21E106/341	11:29:03	SUN	10.0	35.0	10	.12	1	0	270.2	24.9
22E116/341	13:19:03	SUN	220.0	245.0	10	.12	1	1	289.4	7.3
22E127/353	11:29:04	SUN	182.5	207.5	10	.12	1	0	147.1	22.7
22E133/353	13:19:03	SUN	220.0	245.0	10	.12	1	1	175.3	28.5
21E146/365	11:29:04	SUN	10.0	35.0	10	.12	1	0	146.1	25.0
22E156/365	13:19:04	SUN	220.0	245.0	10	.12	1	1	175.2	31.0

VL-2
SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22E168/377	11:01:43	SUN	190.0	192.5	20	.04	1	1	138.6	24.7
22E170/377	16:11:44	SUN	272.5	275.0	30	.04	1	2	222.1	24.4
22E174/378	11:02:10	SUN	190.0	192.5	20	.04	1	1	138.6	25.0
22E176/378	16:12:10	SUN	272.5	275.0	30	.04	1	2	222.3	24.5
22E177/379	11:02:34	SUN	190.0	192.5	20	.04	1	1	138.6	25.2
22E182/379	16:07:34	SUN	272.5	275.0	30	.04	1	2	221.4	25.2
22E183/380	10:48:04	SUN	187.5	190.0	20	.04	1	1	135.2	23.8
22E184/380	16:08:04	SUN	272.5	275.0	30	.04	1	2	221.6	25.4
22E185/381	10:48:27	SUN	187.5	190.0	20	.04	1	1	135.2	24.1
22E186/381	16:08:28	SUN	272.5	275.0	30	.04	1	2	221.9	25.5
22E188/382	09:48:48	SUN	175.0	177.5	20	.04	1	1	122.0	16.7
22E190/382	10:48:49	SUN	187.5	190.0	20	.04	1	2	135.2	24.3
22E197/384	10:49:38	SUN	187.5	190.0	20	.04	1	2	135.2	24.8
22E198/386	10:50:27	SUN	187.5	190.0	20	.04	1	2	135.2	25.4
22E203/387	10:40:53	SUN	185.0	187.5	20	.04	1	1	132.9	24.4
22E204/388	10:41:17	SUN	185.0	187.5	20	.04	1	1	133.0	24.7
22E210/389	10:41:41	SUN	185.0	187.5	20	.04	1	1	133.0	25.0
22E213/389	11:56:41	SUN	202.5	205.0	30	.04	1	2	151.9	32.4
22E216/390	10:42:06	SUN	185.0	187.5	20	.04	1	1	133.0	25.2
22E219/392	10:42:56	SUN	185.0	187.5	20	.04	1	1	133.0	25.8
22E220/394	10:43:45	SUN	185.0	187.5	20	.04	1	1	133.1	26.3
22E222/396	10:44:35	SUN	185.0	187.5	20	.04	1	2	133.2	26.8
22E226/397	10:44:59	SUN	185.0	187.5	20	.04	1	2	133.2	27.1
22E229/400	10:46:14	SUN	185.0	187.5	20	.04	1	2	133.3	27.9
21E232/404	17:57:53	SUN	120.0	122.5	20	.04	1	1	249.4	14.4
22E234/405	10:58:17	SUN	187.5	190.0	30	.04	1	2	135.9	30.4
22E235/405	11:48:17	SUN	200.0	202.5	30	.04	1	2	149.2	35.4
22E238/405	16:23:17	SUN	280.0	282.5	30	.04	1	2	229.4	27.8
21E239/405	17:03:19	SUN	107.5	110.0	30	.04	1	2	238.5	22.5
21E240/405	17:18:17	SUN	110.0	112.5	30	.04	1	1	241.6	20.4
21E241/405	18:03:17	SUN	120.0	122.5	20	.04	1	1	250.7	13.7
22E242/406	08:53:43	SUN	162.5	165.0	10	.04	1	0	108.8	13.5
22E243/406	09:43:43	SUN	172.5	175.0	20	.04	1	1	118.8	20.9
22E244/406	10:08:43	SUN	177.5	180.0	20	.04	1	2	124.2	24.4
22E245/406	10:58:43	SUN	187.5	190.0	30	.04	1	2	136.0	30.7
22E252/406	12:08:43	SUN	205.0	207.5	30	.04	1	2	155.0	37.2
22E254/406	16:23:42	SUN	280.0	282.5	30	.04	1	2	229.7	27.9
22E255/407	10:59:07	SUN	187.5	190.0	30	.04	1	2	136.1	30.9
22F008/409	10:24:55	SUN	180.0	182.5	20	.04	1	2	127.7	27.2
22F010/410	10:25:22	SUN	180.0	182.5	20	.04	1	2	127.7	27.5
22F016/411	10:25:46	SUN	180.0	182.5	20	.04	1	2	127.8	27.8
22F018/413	09:46:35	SUN	172.5	175.0	20	.04	1	2	118.9	22.9
21F019/413	16:56:35	SUN	107.5	110.0	30	.04	1	2	238.6	24.5
22F020/414	10:57:00	SUN	187.5	190.0	30	.04	1	2	135.2	32.3
22F035/415	10:12:26	SUN	177.5	180.0	20	.04	1	2	124.4	26.9
22F041/416	10:12:50	SUN	177.5	180.0	20	.04	1	2	124.5	27.2
22F045/417	10:12:30	SUN	177.5	180.0	20	.04	1	2	124.3	27.3
22F054/418	10:13:39	SUN	177.5	180.0	20	.04	1	2	124.5	27.7
22F055/419	10:14:05	SUN	177.5	180.0	20	.04	1	2	124.5	28.0
22F056/420	08:29:29	SUN	157.5	160.0	10	.04	1	0	102.9	12.6
22F057/420	08:59:29	SUN	162.5	165.0	20	.04	1	1	108.7	17.3
22F058/420	09:49:29	SUN	172.5	175.0	20	.04	1	2	119.0	24.8
22F059/420	10:29:29	SUN	180.0	182.5	20	.04	1	2	128.1	30.2
22F060/420	11:30:29	SUN	195.0	197.5	30	.04	1	2	143.9	37.2
21F061/420	17:04:29	SUN	110.0	112.5	30	.04	1	2	241.7	24.4
21F062/420	17:34:29	SUN	117.5	120.0	30	.04	1	1	248.0	19.9
21F063/420	18:09:29	SUN	125.0	127.5	20	.04	1	1	254.9	14.5
21F064/421	16:59:52	SUN	110.0	112.5	30	.04	1	2	240.9	25.1
22F065/422	10:26:18	SUN	180.0	182.5	30	.04	1	2	127.2	30.3
22F066/423	10:26:43	SUN	180.0	182.5	30	.04	1	2	127.3	30.5
21F067/423	16:50:44	SUN	107.5	110.0	30	.04	1	2	239.3	26.7
22F070/426	08:31:58	SUN	157.5	160.0	10	.04	1	1	102.9	14.3
22F075/426	11:01:44	SUN	187.5	190.0	30	.04	1	2	135.9	35.5
21F083/426	16:56:57	SUN	110.0	112.5	30	.04	1	2	241.3	26.2
21F084/426	18:06:47	SUN	125.0	127.5	20	.04	1	1	255.6	15.6
21F088/428	16:57:47	SUN	110.0	112.5	30	.04	1	2	241.9	26.3
21F090/429	16:58:11	SUN	110.0	112.5	30	.04	1	2	242.2	26.4
22F091/431	10:34:01	SUN	180.0	182.5	30	.04	1	2	128.6	33.2
21F092/431	16:54:01	SUN	110.0	112.5	30	.04	1	2	241.7	27.2

VL-2
SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22F093/432	10:33:11	SUN	180.0	182.5	30	.04	1	2	128.4	33.4
22F095/433	10:34:50	SUN	180.0	182.5	30	.04	1	2	128.8	33.8
22F098/435	10:35:40	SUN	180.0	182.5	30	.04	1	2	128.9	34.3
22F099/437	10:36:28	SUN	180.0	182.5	30	.04	1	2	129.0	34.9
22F102/439	10:37:19	SUN	180.0	182.5	30	.04	1	2	129.1	35.4
22F109/442	10:13:34	SUN	175.0	177.5	30	.04	1	2	123.1	32.9
21F111/442	17:03:34	SUN	115.0	117.5	30	.04	1	2	246.2	27.0
21F112/442	17:58:34	SUN	127.5	130.0	30	.04	1	2	257.3	18.5
21F115/445	17:44:42	SUN	125.0	127.5	30	.04	1	2	255.2	21.0
22F119/446	07:34:54	SUN	145.0	147.5	10	.04	1	0	90.8	9.2
21F120/446	07:36:54	SUN	322.5	325.0	10	.04	1	0	91.2	9.6
22F121/446	08:17:07	SUN	152.5	155.0	10	.04	1	1	98.6	16.1
21F122/446	08:19:07	SUN	330.0	332.5	10	.04	1	1	99.0	16.4
22F123/446	10:00:07	SUN	172.5	175.0	30	.04	1	2	119.8	31.9
21F127/446	17:44:55	SUN	125.0	127.5	30	.04	1	2	255.5	21.1
22F128/447	10:00:33	SUN	172.5	175.0	30	.04	1	2	119.8	32.2
21F133/447	17:40:32	SUN	125.0	127.5	30	.04	1	2	254.8	21.8
22F135/448	10:16:02	SUN	175.0	177.5	30	.04	1	2	123.4	34.6
21F136/448	17:41:02	SUN	125.0	127.5	30	.04	1	2	255.1	21.9
22F137/449	10:16:26	SUN	175.0	177.5	30	.04	1	2	123.5	34.8
21F145/449	17:41:25	SUN	125.0	127.5	30	.04	1	2	255.4	21.9
21F147/450	18:26:52	SUN	135.0	137.5	20	.04	1	2	264.3	14.7
22F148/451	10:02:16	SUN	172.5	175.0	30	.04	1	2	120.0	33.3
21F151/451	18:27:16	SUN	135.0	137.5	20	.04	1	2	264.6	14.7
22F153/452	09:52:41	SUN	170.0	172.5	30	.04	1	2	117.7	32.1
22F155/453	09:53:05	SUN	170.0	172.5	30	.04	1	2	117.8	32.4
21F157/453	17:48:04	SUN	127.5	130.0	30	.04	1	2	257.6	21.2
22F158/454	09:53:30	SUN	170.0	172.5	30	.04	1	2	117.8	32.7
21F160/454	17:43:31	SUN	127.5	130.0	30	.04	1	2	256.9	22.0
22F161/455	09:53:55	SUN	170.0	172.5	30	.04	1	2	117.9	32.9
21F164/455	17:43:56	SUN	127.5	130.0	30	.04	1	2	257.2	22.0
22F165/458	09:40:10	SUN	167.5	170.0	30	.04	1	2	114.6	31.5
21F166/458	17:55:09	SUN	130.0	132.5	30	.04	1	2	260.0	20.5
22F167/461	09:41:23	SUN	167.5	170.0	30	.04	1	2	114.7	32.3
21F168/461	17:51:23	SUN	130.0	132.5	30	.04	1	2	259.9	21.3
22F169/463	09:42:13	SUN	167.5	170.0	30	.04	1	2	114.8	32.9
21F170/463	17:52:13	SUN	130.0	132.5	30	.04	1	2	260.5	21.3
21F171/465	17:58:02	SUN	132.5	135.0	30	.04	1	2	262.0	20.6
22F172/466	09:33:28	SUN	165.0	167.5	30	.04	1	2	112.7	32.2
21F177/466	17:58:27	SUN	132.5	135.0	30	.04	1	2	262.3	20.6
22F179/468	09:19:17	SUN	162.5	165.0	30	.04	1	2	109.5	30.4
21F180/468	17:54:17	SUN	132.5	135.0	30	.04	1	2	261.9	21.4
22F181/471	09:15:31	SUN	162.5	165.0	30	.04	1	2	108.5	30.4
21F184/471	17:50:31	SUN	132.5	135.0	30	.04	1	2	261.8	22.2
22F185/473	09:16:20	SUN	162.5	165.0	30	.04	1	2	108.6	30.9
21F187/473	18:01:20	SUN	135.0	137.5	30	.04	1	2	264.2	20.6
22F188/474	09:16:45	SUN	162.5	165.0	30	.04	1	2	108.6	31.2
22F193/476	09:17:35	SUN	162.5	165.0	30	.04	1	2	108.7	31.7
21F195/476	18:02:35	SUN	135.0	137.5	30	.04	1	2	265.0	20.6
22F201/479	07:28:49	SUN	142.5	145.0	10	.04	1	2	87.7	14.8
22F202/479	07:58:49	SUN	147.5	150.0	20	.04	1	2	93.1	19.7
22F203/479	08:23:49	SUN	152.5	155.0	20	.04	1	2	97.7	23.7
22F204/479	08:53:50	SUN	157.5	160.0	20	.04	1	2	103.6	28.5
22F205/479	09:18:50	SUN	162.5	165.0	30	.04	1	2	108.8	32.5
21F214/479	17:43:49	SUN	132.5	135.0	30	.04	1	2	262.1	23.9
21F215/479	17:58:49	SUN	135.0	137.5	30	.04	1	2	264.9	21.4
21F216/479	18:23:49	SUN	140.0	142.5	30	.04	1	2	269.5	17.4
22F217/480	09:09:14	SUN	160.0	162.5	30	.04	1	2	106.7	31.2
21F224/480	18:09:14	SUN	137.5	140.0	30	.04	1	2	267.0	19.8
22F225/481	09:09:38	SUN	160.0	162.5	30	.04	1	2	106.7	31.4
21F233/481	18:04:37	SUN	137.5	140.0	30	.04	1	2	266.4	20.6
22F234/482	09:10:03	SUN	160.0	162.5	30	.04	1	2	106.8	31.7
22F235/482	10:10:03	SUN	172.5	175.0	30	.04	1	2	120.5	40.6
21F239/482	17:40:04	SUN	132.5	135.0	30	.04	1	2	262.0	24.7
21F240/482	18:05:04	SUN	137.5	140.0	30	.04	1	2	266.7	20.6
22F247/486	06:51:43	SUN	135.0	137.5	10	.04	1	1	80.7	10.0
21F250/486	19:06:43	SUN	150.0	152.5	20	.04	1	1	278.4	10.8
22G001/487	06:52:07	SUN	135.0	137.5	10	.04	1	1	80.7	10.3
21G002/487	18:02:08	SUN	137.5	140.0	30	.04	1	2	267.1	21.4

VL-2
SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22G006/488	06:52:32	SUN	135.0	137.5	10	.04	1	1	80.8	10.5
21G008/488	18:12:32	SUN	140.0	142.5	30	.04	1	2	269.2	19.7
22G009/489	08:57:56	SUN	157.5	160.0	30	.04	1	2	103.9	31.0
22G013/491	08:58:46	SUN	157.5	160.0	30	.04	1	2	104.0	31.5
21G015/491	18:08:47	SUN	140.0	142.5	30	.04	1	2	269.0	20.5
22G016/493	06:39:34	SUN	132.5	135.0	10	.04	1	1	78.2	9.3
22G017/493	07:49:34	SUN	145.0	147.5	20	.04	1	2	90.6	20.7
22G018/493	08:19:35	SUN	150.0	152.5	30	.04	1	2	96.2	25.6
22G019/493	08:59:35	SUN	157.5	160.0	30	.04	1	2	104.0	32.0
21G020/493	18:09:35	SUN	140.0	142.5	30	.04	1	2	269.6	20.5
21G021/493	18:44:35	SUN	147.5	150.0	20	.04	1	2	275.8	14.8
22G022/495	09:00:25	SUN	157.5	160.0	30	.04	1	2	104.1	32.5
21G023/495	18:15:25	SUN	142.5	145.0	30	.04	1	2	271.0	19.7
22G024/497	08:46:13	SUN	155.0	157.5	30	.04	1	2	101.1	30.6
21G025/497	18:16:14	SUN	142.5	145.0	30	.04	1	2	271.5	19.6
21G026/499	18:12:04	SUN	142.5	145.0	30	.04	1	2	271.1	20.4
22G027/500	06:57:29	SUN	135.0	137.5	20	.04	1	2	81.1	13.4
21G028/500	18:12:29	SUN	142.5	145.0	30	.04	1	2	271.3	20.4
22G033/502	06:58:18	SUN	135.0	137.5	20	.04	1	2	81.1	13.9
21G044/502	18:08:19	SUN	142.5	145.0	30	.04	1	2	270.9	21.2
22G045/503	06:53:44	SUN	135.0	137.5	20	.04	1	2	80.3	13.3
22G050/506	08:19:57	SUN	150.0	152.5	30	.04	1	2	95.6	27.8
21G051/506	18:04:58	SUN	142.5	145.0	30	.04	1	2	271.0	21.9
22G055/509	06:56:11	SUN	135.0	137.5	20	.04	1	2	80.4	14.6
21G058/511	18:17:01	SUN	145.0	147.5	30	.04	1	2	274.0	20.2
22G059/512	06:57:26	SUN	135.0	137.5	20	.04	1	2	80.5	15.3
22G062/514	06:13:16	SUN	127.5	130.0	10	.04	1	1	72.8	8.6
21G063/514	18:13:16	SUN	145.0	147.5	30	.04	1	2	273.8	20.9
21G065/515	18:13:40	SUN	145.0	147.5	30	.04	1	2	274.1	20.9
22G066/516	06:14:05	SUN	127.5	130.0	10	.04	1	1	72.9	9.0
21G073/517	18:19:29	SUN	147.5	150.0	30	.04	1	2	275.4	20.1
22G074/518	06:14:55	SUN	127.5	130.0	10	.04	1	1	73.0	9.5
22G077/520	06:15:44	SUN	127.5	130.0	10	.04	1	1	73.0	9.9
21G080/520	18:20:44	SUN	147.5	150.0	30	.04	1	2	276.1	20.0
22G086/522	06:16:34	SUN	127.5	130.0	10	.04	1	1	73.1	10.3
21G090/522	18:16:33	SUN	147.5	150.0	30	.04	1	2	275.7	20.7
22G091/523	06:16:58	SUN	127.5	130.0	10	.04	1	1	73.1	10.5
22G103/525	06:02:46	SUN	125.0	127.5	10	.04	1	1	70.6	8.6
21G106/525	18:17:47	SUN	147.5	150.0	10	.12	1	2	276.3	20.6
22G110/528	06:04:02	SUN	125.0	127.5	10	.12	1	1	70.8	9.2
21G111/528	18:14:02	SUN	147.5	150.0	10	.12	1	2	276.1	21.4
22G114/537	06:02:44	SUN	125.0	127.5	10	.04	1	2	70.3	10.2
21G124/537	18:17:44	SUN	150.0	152.5	30	.04	1	3	278.0	21.0
22G125/538	06:03:09	SUN	125.0	127.5	10	.04	1	2	70.3	10.4
21G126/538	18:18:10	SUN	150.0	152.5	30	.04	1	3	278.2	21.0
22G128/541	05:49:23	SUN	122.5	125.0	10	.04	1	2	67.9	8.6
21G129/541	18:19:22	SUN	150.0	152.5	30	.04	1	3	278.8	20.9
22G134/544	05:50:38	SUN	122.5	125.0	10	.04	1	2	68.1	9.2
21G135/544	18:15:38	SUN	150.0	152.5	30	.04	1	3	278.5	21.6
21G140/548	18:27:17	SUN	152.5	155.0	30	.04	1	3	281.0	19.8
22G141/549	05:47:41	SUN	122.5	125.0	10	.04	1	2	67.5	9.3
22G142/552	05:48:56	SUN	122.5	125.0	10	.04	1	2	67.6	9.8
21G143/552	18:23:56	SUN	152.5	155.0	30	.04	1	3	280.9	20.4
22G145/553	05:49:19	SUN	122.5	125.0	10	.04	1	2	67.7	9.9
21G156/553	18:24:20	SUN	152.5	155.0	30	.04	1	3	281.0	20.4
22G160/555	05:40:10	SUN	120.0	122.5	10	.04	1	2	66.1	8.8
21G169/555	18:20:10	SUN	152.5	155.0	30	.04	1	3	280.5	21.1
21G180/557	18:20:59	SUN	152.5	155.0	30	.04	1	3	280.9	21.0
22G186/558	05:36:24	SUN	120.0	122.5	10	.04	1	2	65.4	8.5
21G202/559	18:16:49	SUN	152.5	155.0	30	.04	1	3	280.4	21.7
21G218/567	18:30:07	SUN	155.0	157.5	30	.04	1	3	283.4	19.7
22G219/568	05:35:32	SUN	120.0	122.5	10	.04	1	2	65.2	9.3
21G220/571	18:26:46	SUN	155.0	157.5	30	.04	1	3	283.2	20.2
22G221/572	05:37:11	SUN	120.0	122.5	10	.04	1	2	65.5	9.8
22G223/579	04:55:04	SUN	117.5	120.0	10	.04	1	2	58.3	4.3
22G224/579	06:05:04	SUN	125.0	127.5	10	.04	1	2	70.1	14.5
22G225/579	06:35:04	SUN	130.0	132.5	10	.04	1	3	75.1	19.2
22G226/579	07:05:04	SUN	135.0	137.5	20	.04	1	3	80.1	24.0
22G227/579	07:35:04	SUN	140.0	142.5	20	.04	1	3	85.2	28.9

VL-2
SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
21G228/579	19:05:05	SUN	162.5	165.0	20	.04	1	2	290.1	14.3
22G229/583	05:21:43	SUN	117.5	120.0	10	.04	1	2	62.9	8.3
22G232/584	05:22:08	SUN	117.5	120.0	10	.04	1	2	62.9	8.4
21G233/584	18:22:08	SUN	155.0	157.5	30	.04	1	3	283.3	21.0
22G234/587	05:23:22	SUN	117.5	120.0	10	.04	1	2	63.2	8.8
22G236/590	05:24:36	SUN	117.5	120.0	10	.04	1	2	63.4	9.1
21G239/590	18:19:36	SUN	155.0	157.5	30	.04	1	3	283.3	21.4
22G240/591	05:25:02	SUN	117.5	120.0	10	.04	1	2	63.5	9.2
21G241/591	18:20:01	SUN	155.0	157.5	30	.04	1	3	283.4	21.3
21G242/592	18:30:26	SUN	157.5	160.0	30	.04	1	3	285.2	19.6
22G249/593	05:20:50	SUN	117.5	120.0	10	.04	1	2	62.8	8.7
21H011/593	18:30:50	SUN	157.5	160.0	30	.04	1	3	285.3	19.6
22H012/594	05:21:15	SUN	117.5	120.0	10	.04	1	2	62.9	8.8
22H015/595	05:21:40	SUN	117.5	120.0	10	.04	1	2	63.0	8.9
21H035/595	18:31:40	SUN	157.5	160.0	30	.04	1	3	285.5	19.4
22H036/597	05:22:29	SUN	117.5	120.0	10	.04	1	2	63.1	9.1
21H040/597	18:32:29	SUN	157.5	160.0	30	.04	1	3	285.7	19.2
22H042/600	05:23:44	SUN	117.5	120.0	10	.12	1	2	63.4	9.4
22H044/601	05:23:59	SUN	117.5	120.0	10	.12	1	2	63.5	9.5
21H045/601	18:29:07	SUN	157.5	160.0	10	.12	1	3	285.3	19.7
22H047/605	05:20:47	SUN	117.5	120.0	10	.12	1	2	63.0	9.2
21H048/605	18:30:46	SUN	157.5	160.0	10	.12	1	3	285.8	19.4
21H050/608	19:02:02	SUN	162.5	165.0	30	.04	1	3	291.0	14.5
22H051/609	05:22:26	SUN	117.5	120.0	10	.12	1	2	63.4	9.5
22H053/613	05:19:04	SUN	117.5	120.0	10	.12	1	2	62.9	9.1
21H054/613	18:29:05	SUN	157.5	160.0	10	.12	1	3	285.7	19.4
22H055/616	05:20:20	SUN	117.5	120.0	10	.12	1	2	63.2	9.3
21H057/616	18:29:59	SUN	157.5	160.0	10	.12	1	3	285.9	19.2
22H058/619	05:16:45	SUN	117.5	120.0	10	.12	1	2	62.7	8.9
21H059/619	18:26:34	SUN	157.5	160.0	10	.12	1	3	285.4	19.6
21H062/623	18:28:31	SUN	157.5	160.0	10	.12	1	3	285.7	19.2
22H063/624	05:18:56	SUN	117.5	120.0	10	.12	1	2	63.3	9.2
22H064/625	05:19:20	SUN	117.5	120.0	10	.12	1	2	63.4	9.3
21H065/625	18:24:20	SUN	157.5	160.0	10	.12	1	3	285.0	19.7
22H068/627	05:14:52	SUN	117.5	120.0	10	.04	1	2	62.8	8.6
22H072/629	04:50:41	SUN	112.5	115.0	10	.12	1	1	58.7	5.2
22H073/629	05:15:41	SUN	117.5	120.0	10	.04	1	2	63.0	8.7
22H074/629	06:30:41	SUN	130.0	132.5	10	.12	1	3	75.4	20.2
22H075/629	07:30:41	SUN	140.0	142.5	10	.12	1	3	85.5	29.8
21H087/629	18:25:41	SUN	157.5	160.0	30	.04	1	3	285.3	19.4
21H088/629	19:25:41	SUN	167.5	170.0	10	.12	1	2	295.2	10.2
22H094/631	07:01:31	SUN	135.0	137.5	10	.12	1	3	80.7	25.1
22H099/631	17:26:31	SUN	330.0	332.5	10	.12	1	3	275.3	28.7
22H102/634	07:10:00	SUN	137.5	140.0	10	.12	1	3	82.3	26.5
21H103/634	17:32:59	SUN	147.5	150.0	10	.12	1	2	276.5	27.6
22H105/640	07:09:59	SUN	137.5	140.0	10	.12	1	3	82.7	26.4
21H106/640	17:28:59	SUN	147.5	150.0	10	.12	1	2	275.7	27.9
22H107/646	07:05:59	SUN	137.5	140.0	10	.12	1	3	82.4	25.7
21H109/646	17:22:59	SUN	145.0	147.5	10	.12	1	2	274.5	28.5
22H110/653	06:59:59	SUN	137.5	140.0	10	.12	1	3	82.0	24.5
21H111/653	17:24:59	SUN	145.0	147.5	10	.12	1	2	274.6	27.7
22H112/659	07:04:59	SUN	137.5	140.0	10	.12	1	3	83.3	25.2
21H116/659	17:22:59	SUN	145.0	147.5	10	.12	1	2	274.0	27.6
22H118/665	06:59:59	SUN	137.5	140.0	10	.12	1	3	83.1	24.1
21H119/665	17:25:58	SUN	145.0	147.5	10	.12	1	2	274.3	26.6
21H127/667	17:27:00	SUN	145.0	147.5	10	.12	1	2	274.3	26.2
22H128/668	06:54:37	SUN	137.5	140.0	10	.12	1	3	82.4	23.1
22H132/671	07:10:00	SUN	140.0	142.5	10	.12	1	3	85.4	25.5
21H133/671	17:26:59	SUN	145.0	147.5	10	.12	1	2	274.1	25.8
22H135/677	07:06:58	SUN	140.0	142.5	10	.12	1	3	85.6	24.7
21H136/677	17:28:59	SUN	145.0	147.5	10	.12	1	2	274.1	24.9
22H137/683	07:03:29	SUN	140.0	142.5	10	.12	1	3	85.7	23.7
21H139/683	17:17:59	SUN	142.5	145.0	10	.12	1	3	271.7	26.1
22H140/690	06:57:00	SUN	140.0	142.5	10	.12	1	3	85.4	22.2
21H141/690	17:20:59	SUN	142.5	145.0	10	.12	1	3	271.8	24.8
22H142/696	07:04:59	SUN	142.5	145.0	10	.12	1	3	87.6	23.1
21H146/696	17:22:59	SUN	142.5	145.0	10	.12	1	3	271.6	23.7
22H148/702	07:00:00	SUN	142.5	145.0	10	.12	1	2	87.6	21.8
21H149/702	17:25:59	SUN	142.5	145.0	10	.12	1	2	271.6	22.4

VL-2
SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22H150/704	06:59:59	SUN	142.5	145.0	10	.12	1	2	87.9	21.6
21H158/704	17:26:59	SUN	142.5	145.0	10	.12	1	2	271.7	22.0
22H163/708	07:09:59	SUN	145.0	147.5	10	.12	1	2	90.3	22.9
21H164/708	17:26:59	SUN	142.5	145.0	10	.12	1	2	271.3	21.4
22H166/714	07:06:59	SUN	145.0	147.5	10	.12	1	2	90.6	21.9
21H167/714	17:32:00	SUN	142.5	145.0	10	.12	1	2	271.6	19.7
22H168/720	07:03:29	SUN	145.0	147.5	10	.12	1	2	91.0	20.7
21H170/720	17:22:59	SUN	140.0	142.5	10	.12	1	2	269.4	20.3
22H171/727	06:57:00	SUN	145.0	147.5	10	.12	1	2	90.9	18.9
21H172/727	17:24:59	SUN	140.0	142.5	10	.12	1	2	269.0	18.9
22H173/733	07:04:59	SUN	147.5	150.0	10	.12	1	2	93.4	19.5
21H177/733	17:26:59	SUN	140.0	142.5	10	.12	1	2	268.7	17.5
22H180/739	06:59:59	SUN	147.5	150.0	10	.12	1	2	93.5	18.0
21H181/739	17:20:59	SUN	137.5	140.0	10	.12	1	2	266.9	17.5
22H182/741	06:54:59	SUN	147.5	150.0	10	.12	1	2	92.9	16.9
21H190/741	17:26:59	SUN	137.5	140.0	10	.12	1	2	267.8	16.2
22H195/745	07:06:59	SUN	150.0	152.5	10	.12	1	2	95.8	18.4
21H196/745	17:26:59	SUN	137.5	140.0	10	.12	1	2	267.3	15.5
22H198/751	07:09:59	SUN	152.5	155.0	10	.12	1	2	97.5	18.1
21H199/751	17:29:00	SUN	137.5	140.0	10	.12	1	2	267.0	14.1
22H200/757	07:05:59	SUN	152.5	155.0	10	.12	1	2	97.8	16.6
21H202/757	17:22:59	SUN	135.0	137.5	10	.12	1	2	265.1	13.9
22H203/764	06:59:59	SUN	152.5	155.0	10	.12	1	2	97.9	14.6
21H204/764	17:24:59	SUN	135.0	137.5	10	.12	1	2	264.5	12.3
22H205/770	07:08:59	SUN	155.0	157.5	10	.12	1	2	100.7	15.1
21H209/770	17:27:00	SUN	135.0	137.5	10	.12	1	2	264.1	10.8
22H213/776	07:03:59	SUN	155.0	157.5	10	.12	1	1	100.8	13.4
21H214/776	17:20:59	SUN	132.5	135.0	10	.12	1	1	262.1	10.7
22H215/778	06:59:59	SUN	155.0	157.5	10	.12	1	1	100.4	12.4
21H223/779	17:22:38	SUN	132.5	135.0	10	.12	1	1	262.0	9.8
22H228/784	14:34:38	SUN	275.0	277.5	10	.12	1	3	225.6	33.2
22H229/784	14:44:38	SUN	277.5	280.0	10	.12	1	1	228.1	32.0
22H230/792	14:27:56	SUN	272.5	275.0	10	.12	1	3	222.9	32.2
22H231/792	14:37:56	SUN	275.0	277.5	10	.12	1	1	225.4	31.1
22H232/800	14:31:14	SUN	272.5	275.0	10	.12	1	3	222.7	30.1
22H233/800	14:41:14	SUN	275.0	277.5	10	.12	1	1	225.2	29.0
21H235/808	09:59:32	SUN	12.5	15.0	10	.12	1	3	144.4	30.9
21H236/808	10:00:32	SUN	12.5	15.0	10	.12	1	1	144.6	30.9
22H237/808	10:04:32	SUN	197.5	200.0	10	.12	1	3	145.7	31.3
22H238/808	10:05:32	SUN	197.5	200.0	10	.12	1	1	145.9	31.4
22H239/808	14:44:32	SUN	275.0	277.5	10	.12	1	3	224.9	26.9
22H240/808	14:49:32	SUN	277.5	280.0	10	.12	1	1	226.1	26.3
22H241/816	14:37:50	SUN	272.5	275.0	10	.12	1	3	222.1	26.0
22H242/816	14:47:50	SUN	275.0	277.5	10	.12	1	1	224.5	24.8
22H243/824	14:21:08	SUN	267.5	270.0	10	.12	1	3	217.0	26.0
22H244/824	14:31:08	SUN	270.0	272.5	10	.12	1	1	219.4	25.0
22H246/832	13:39:26	SUN	255.0	257.5	10	.12	1	3	205.4	27.9
22H247/832	13:49:26	SUN	257.5	260.0	10	.12	1	1	207.9	27.1
22H248/840	13:42:44	SUN	255.0	257.5	10	.12	1	3	205.2	26.0
22H249/840	13:47:44	SUN	257.5	260.0	10	.12	1	1	206.4	25.6
22H251/848	13:46:02	SUN	255.0	257.5	10	.12	1	3	204.8	24.2
22H252/848	13:56:02	SUN	257.5	260.0	10	.12	1	1	207.3	23.5
22H254/856	13:49:20	SUN	255.0	257.5	10	.12	1	3	204.4	22.5
22H255/856	13:59:20	SUN	257.5	260.0	10	.12	1	1	206.9	21.8
22I000/864	13:52:38	SUN	255.0	257.5	10	.12	1	3	204.0	21.0
22I001/864	14:02:38	SUN	257.5	260.0	10	.12	1	1	206.3	20.3
22I011/872	09:08:52	SUN	190.0	192.5	10	.12	1	0	135.8	11.0
22I012/872	09:13:52	SUN	190.0	192.5	10	.12	1	2	136.9	11.6
22I014/872	09:48:52	SUN	197.5	200.0	10	.12	1	0	144.2	15.2
22I015/872	09:53:52	SUN	197.5	200.0	10	.12	1	2	145.3	15.7
22I016/872	10:43:52	SUN	210.0	212.5	10	.12	1	3	156.6	19.6
22I017/872	10:48:52	SUN	210.0	212.5	10	.12	1	1	157.8	19.9
22I032/872	11:48:52	SUN	225.0	227.5	10	.12	1	3	172.3	22.5
22I033/872	11:53:52	SUN	225.0	227.5	10	.12	1	1	173.6	22.6
22I037/872	12:53:52	SUN	240.0	242.5	10	.12	1	3	188.5	22.4
22I038/872	13:03:52	SUN	242.5	245.0	10	.12	1	1	190.9	22.1
22I045/872	13:33:52	SUN	250.0	252.5	10	.12	1	3	198.2	20.9
22I046/872	13:43:52	SUN	252.5	255.0	10	.12	1	1	200.6	20.3
22I048/872	14:43:52	SUN	267.5	270.0	10	.12	1	3	214.3	15.8

VL-2
SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22I049/872	14:48:52	SUN	267.5	270.0	10	.12	1	1	215.3	15.3
22I050/872	15:43:52	SUN	280.0	282.5	10	.12	1	3	226.8	9.4
22I051/872	15:53:52	SUN	282.5	285.0	10	.12	1	1	228.8	8.2
21I054/872	16:43:52	SUN	110.0	112.5	10	.12	1	2	238.2	1.7
21I055/872	16:48:52	SUN	110.0	112.5	10	.12	1	0	239.1	1.0

TWILIGHT RESCAN CAMERA EVENTS

VL-2 Twilight Rescan Camera Events

VL-2
TWILIGHT RESCAN CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
21A033/004	20:13:59	CLR	170.0	170.0	10	.12	1	4	302.7	.1
21A048/007	03:44:59	CLR	290.0	290.0	10	.12	1	4	50.1	-5.4
21A171/022	19:58:42	CLR	175.0	175.0	10	.12	1	5	299.1	.1
21A172/022	20:24:17	CLR	177.5	177.5	10	.12	1	2	303.8	-3.5
21A173/022	20:49:52	CLR	182.5	182.5	10	.12	1	1	308.6	-6.8
22B078/040	03:30:59	CLR	107.5	107.5	10	.12	1	0	50.8	-10.0
22B079/040	03:56:29	CLR	112.5	112.5	10	.12	1	2	55.8	-6.9
22B080/040	04:21:59	CLR	117.5	117.5	10	.12	1	4	60.6	-3.4
21C143/145	17:41:02	CLR	132.5	132.5	10	.12	1	5	259.8	.5
21C144/145	18:02:32	CLR	137.5	137.5	10	.12	1	3	263.6	-3.0
21C145/145	18:24:02	CLR	142.5	142.5	10	.12	1	1	267.5	-6.5
22C182/160	05:40:14	CLR	150.0	150.0	10	.12	1	1	94.0	-9.9
22C183/160	06:01:44	CLR	155.0	155.0	10	.12	1	3	97.8	-6.4
22C184/160	06:23:14	CLR	160.0	160.0	10	.12	1	5	101.7	-3.0
22C255/184	05:51:08	CLR	160.0	160.0	10	.12	1	0	98.7	-13.0
22D000/184	06:17:38	CLR	162.5	162.5	10	.12	1	2	103.3	-8.9
22D001/184	06:45:08	CLR	167.5	167.5	10	.12	1	4	108.1	-4.6
21D012/184	17:01:08	CLR	120.0	120.0	10	.12	1	4	245.2	1.0
21D013/184	17:27:38	CLR	125.0	125.0	10	.12	1	2	249.9	-3.0
21D014/184	17:54:08	CLR	130.0	130.0	10	.12	1	0	254.6	-7.1
21E165/377	06:47:20	CLR	320.0	320.0	10	.12	1	0	88.8	-12.0
21E166/377	07:14:36	CLR	325.0	325.0	10	.12	1	1	93.7	.0
21E167/377	07:41:52	CLR	330.0	330.0	10	.12	1	3	98.6	.0
21E171/377	19:02:09	CLR	127.5	127.5	10	.12	1	3	256.6	.7
21E172/377	19:29:25	CLR	132.5	132.5	10	.12	1	1	261.5	.0
21E173/377	19:56:41	CLR	137.5	137.5	10	.12	1	0	266.4	.0
22F005/408	19:29:07	CLR	325.0	325.0	10	.12	1	4	267.2	.3
22F006/408	19:55:12	CLR	330.0	330.0	10	.12	1	2	271.9	.0
22F007/408	20:21:17	CLR	332.5	332.5	10	.12	1	0	276.6	.0
22F116/446	05:25:07	CLR	122.5	122.5	10	.12	1	0	67.1	-11.0
22F117/446	05:51:12	CLR	127.5	127.5	10	.12	1	1	72.0	.0
22F118/446	06:17:17	CLR	132.5	132.5	10	.12	1	4	76.8	.0
22F190/476	04:38:44	CLR	112.5	112.5	10	.12	1	0	56.7	-11.0
22F191/476	05:04:49	CLR	117.5	117.5	10	.12	1	2	61.8	.0
22F192/476	05:30:54	CLR	120.0	120.0	10	.12	1	4	66.7	.0
22F244/486	04:29:50	CLR	110.0	110.0	10	.12	1	0	54.7	-11.0
22F245/486	04:55:55	CLR	115.0	115.0	10	.12	1	2	59.8	.0
22F246/486	05:22:00	CLR	117.5	117.5	10	.12	1	4	64.7	.0
21F251/486	20:14:00	CLR	162.5	162.5	10	.12	1	4	290.4	.2
21F252/486	20:40:05	CLR	167.5	167.5	10	.12	1	2	295.1	.0
21F253/486	21:06:10	CLR	170.0	170.0	10	.12	1	0	300.0	.0
22F254/487	04:27:49	CLR	110.0	110.0	10	.12	1	0	54.3	-11.0
22F255/487	04:53:54	CLR	115.0	115.0	10	.12	1	2	59.4	.0
22G000/487	05:19:59	CLR	117.5	117.5	10	.12	1	4	64.3	.0
22G003/488	04:26:49	CLR	110.0	110.0	10	.12	1	0	54.0	-11.0
22G004/488	04:52:54	CLR	115.0	115.0	10	.12	1	2	59.1	.0
22G005/488	05:18:59	CLR	117.5	117.5	10	.12	1	4	64.0	.0
21G181/557	20:40:59	CLR	177.5	177.5	10	.12	1	5	304.8	.1
21G182/557	21:07:04	CLR	182.5	182.5	10	.12	1	3	309.6	.0
21G183/557	21:33:09	CLR	187.5	187.5	10	.12	1	2	314.6	.0
21G184/557	21:59:14	CLR	192.5	192.5	10	.12	1	1	319.7	.0
21G185/557	22:25:19	CLR	197.5	197.5	10	.12	1	0	325.1	-11.0
21H210/774	19:00:30	CLR	155.0	157.5	10	.12	1	4	280.5	-5.1
21H224/779	18:57:35	CLR	155.0	157.5	10	.12	1	4	279.2	-5.6

OTHER RESCAN CAMERA EVENTS

VL-2 Other Rescan Camera Events

VL-2
RESCAN CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL	RESCANTO
22C209/170	09:00:00	RED	82.5	82.5	-10	.04	1	2	133.0	17.4	383
22D073/200	11:26:59	SURV	82.5	82.5	-10	.04	1	3	167.2	22.5	383
22D088/205	13:24:48	CLR	175.0	235.0	-10	.12	1	3	195.8	21.1	739
22D166/221	12:31:58	SURV	100.0	100.0	-10	.04	1	2	180.5	20.1	59
22D182/233	11:02:59	SURV	297.5	297.5	-30	.04	1	2	158.1	15.8	59
22D206/245	12:31:29	SURV	100.0	100.0	-10	.04	1	3	176.7	17.8	59
22D246/269	12:31:01	SURV	100.0	100.0	-10	.04	1	3	172.6	17.1	59
22E006/281	11:02:01	SURV	297.5	297.5	-30	.04	1	3	150.9	12.7	59
22E030/293	12:31:02	SURV	100.0	100.0	-10	.04	1	3	168.9	18.2	59
22E070/317	12:31:02	SURV	100.0	100.0	-10	.04	1	3	165.8	20.9	59
22E086/329	11:02:03	SURV	297.5	297.5	-30	.04	1	2	143.7	16.3	61
22E110/341	12:31:03	SURV	100.0	100.0	-10	.04	1	3	281.1	14.8	59
22E126/353	11:02:04	SURV	297.5	297.5	-30	.04	1	2	140.9	20.1	59
22E150/365	12:31:04	SURV	100.0	100.0	-10	.04	1	3	162.0	29.4	60
22F052/417	15:22:29	BB4	15.0	237.5	0	.04	1	4	216.1	36.5	33
22G235/589	18:26:44	BB4	125.0	190.0	-10	.04	1	4	284.4	20.2	131
22H095/631	12:03:00	BB3	115.0	155.0	-30	.04	1	4	167.6	66.0	56
21H096/631	12:22:50	BB3	212.5	257.5	-20	.04	1	4	178.5	66.4	51
21H104/639	11:59:59	BB3	217.5	262.5	-20	.04	1	4	166.8	65.7	53
22H113/659	12:00:00	BB3	102.5	155.0	-30	.04	1	4	168.8	64.4	48
21H129/669	11:51:09	BB2	212.5	237.5	-30	.04	1	4	165.4	63.3	34
21H134/676	11:59:59	BB3	217.5	262.5	-20	.04	1	4	170.5	62.9	53
22H143/696	11:59:59	BB3	102.5	155.0	-30	.04	1	4	172.5	60.4	48
21H165/713	11:59:58	BB3	217.5	262.5	-20	.04	1	4	174.1	57.8	68
22H174/733	11:59:58	BB3	102.5	155.0	-30	.04	1	4	175.9	54.2	48
21H178/738	11:52:16	BB2	237.5	292.5	-30	.04	1	4	173.2	53.1	39
21H197/750	11:59:59	BB3	217.5	262.5	-20	.04	1	4	177.2	50.7	53
22H206/770	11:59:59	BB3	102.5	155.0	-30	.04	1	4	178.3	46.3	50
21H211/775	10:17:14	BB4	205.0	305.0	-10	.04	1	4	145.1	39.8	39
21H225/780	07:26:50	BLU	210.0	230.0	-30	.12	1	3	105.9	16.3	3699
21I091/959	15:03:12	BB3	190.0	310.0	-20	.04	1	3	204.5	15.0	168
21I092/959	15:15:08	BB3	190.0	310.0	-20	.04	1	2	207.2	14.2	168
21I093/960	14:37:57	CLR	190.0	310.0	-20	.12	1	3	198.8	16.7	112
22I094/960	15:12:35	BB4	15.0	165.0	-10	.04	1	3	206.5	14.5	107

LOW DATA RATE CAMERA EVENTS

VL-2 Low Data Rate Camera Events

VL-2
LOW DATA RATE CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22A010/001	13:42:11	BB1	125.0	125.0	-50	.04	1	4	218.4	59.3
22A015/002	13:42:11	BB1	125.0	125.0	-50	.04	1	4	218.4	59.2
22A021/003	12:52:11	SURV	132.5	142.5	-30	.12	1	4	196.3	62.8
22A035/005	12:52:11	SURV	132.5	142.5	-30	.12	1	4	196.3	62.6
22A043/006	12:52:12	SURV	132.5	142.5	-30	.12	1	4	196.3	62.5
22A051/007	12:52:11	SURV	132.5	142.5	-30	.12	1	4	196.4	62.4
22A055/008	12:52:11	BB1	135.0	135.0	-40	.04	1	4	196.4	62.3
21A068/009	12:00:10	BB1	245.0	245.0	-40	.04	1	4	170.7	62.7
22A073/010	12:10:11	BB1	135.0	135.0	-40	.04	1	4	175.8	62.8
21A078/011	14:30:10	BB1	245.0	245.0	-40	.04	1	4	234.6	52.5
21A085/012	15:15:10	BB1	260.0	260.0	-40	.04	1	4	246.8	45.9
22A091/013	14:24:10	BB1	90.0	90.0	-40	.04	1	4	232.6	53.0
21A098/014	13:57:11	BB1	260.0	260.0	-40	.04	1	4	223.5	56.2
22A107/015	13:42:10	BB1	90.0	90.0	-40	.04	1	4	217.9	57.6
21A117/016	13:39:10	BB1	260.0	260.0	-40	.04	1	4	216.7	57.8
22A126/017	12:25:10	BB1	135.0	135.0	-40	.04	1	4	183.7	61.9
21A131/018	13:21:11	BB1	260.0	260.0	-40	.04	1	4	209.4	59.2
22A138/019	12:25:10	BB3	67.5	67.5	-10	.04	1	4	183.8	61.7
21A146/020	13:21:10	BB1	260.0	260.0	-40	.04	1	4	209.3	58.9
21A167/022	13:20:54	BB1	260.0	260.0	-40	.04	1	4	209.2	58.6
21A197/024	14:33:11	BB1	260.0	260.0	-40	.04	1	4	234.5	50.4
21A219/026	13:15:11	BB1	260.0	260.0	-40	.04	1	4	206.7	58.5
21A224/028	09:03:11	SURV	322.5	330.0	-30	.12	1	4	111.3	42.0
21A244/030	09:21:10	SURV	322.5	330.0	-30	.12	1	4	116.0	44.5
22B011/032	09:45:10	SURV	90.0	97.5	-30	.12	1	4	122.6	47.7
22B026/034	09:45:11	SURV	102.5	110.0	-30	.12	1	4	123.0	47.5
22B042/036	09:45:10	SURV	102.5	110.0	-30	.12	1	4	123.3	47.3
22B055/038	09:57:11	SURV	102.5	110.0	-30	.12	1	4	127.1	48.7

NIGHT CAMERA EVENTS

VL-2 Night Camera Events

VL-2
NIGHT CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
21D238/269	08:57:17	CLR	260.0	285.0	-20	.12	1	1	128.3	-.1
21E003/281	08:34:57	BB4	235.0	260.0	-10	.04	1	0	122.6	-3.8
22E004/281	09:00:30	CLR	115.0	135.0	-30	.12	1	0	127.1	-.3
21E022/293	08:08:30	CLR	260.0	285.0	-20	.12	1	0	116.2	-7.8
22E023/293	08:34:04	BB4	35.0	55.0	-10	.04	1	0	120.6	-4.1
21E043/305	07:41:05	IR	235.0	260.0	10	.12	1	0	109.6	-11.0
22E044/305	08:06:38	CLR	115.0	135.0	10	.12	1	0	113.9	-8.0
21E062/317	07:15:24	CLR	260.0	285.0	10	.12	1	0	103.2	-15.0
22E063/317	07:40:58	IR	275.0	295.0	10	.12	1	0	107.5	-11.0
21E083/329	06:51:09	IR	235.0	260.0	10	.12	1	0	96.9	-18.0
22E084/329	07:16:43	CLR	115.0	135.0	10	.12	1	0	101.4	-14.0
21E099/329	14:44:03	BB4	280.0	300.0	-20	.04	1	3	305.2	.0
21E123/353	05:36:12	IR	235.0	260.0	10	.12	1	0	79.0	-27.0
22E124/353	06:01:46	CLR	115.0	135.0	10	.12	1	0	83.9	-23.0
21E142/365	05:10:26	CLR	260.0	285.0	10	.12	1	0	71.9	-30.0
22E143/365	05:35:59	IR	275.0	295.0	10	.12	1	0	77.1	-26.0
21E163/377	04:44:52	IR	235.0	260.0	10	.12	1	0	64.7	-31.0
22E164/377	05:10:03	CLR	115.0	135.0	10	.12	1	0	70.1	-28.0
21E224/396	21:30:29	IR	235.0	260.0	10	.12	1	0	287.4	-20.0
22H093/631	04:06:31	CLR	95.0	185.0	0	.12	1	4	51.0	.0

CALIBRATION AND SCAN VERIFICATION CAMERA EVENTS

VL-2
CALIBRATION AND SCAN VERIFICATION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
21A026/003	17:58:08	CAL	170.0	170.0	-40			0	279.4	20.7
21A030/004	15:36:52	CAL	170.0	170.0	-40			0	252.5	43.4
21A045/006	17:33:50	CAL	170.0	170.0	-40			0	275.0	24.3
21A053/007	16:04:30	CAL	170.0	170.0	-40			0	258.2	38.7
21A066/009	08:04:27	CAL	170.0	170.0	-40			0	96.0	33.9
21A083/012	12:08:00	CAL	170.0	170.0	-40			0	174.8	62.5
21A102/014	17:15:47	CAL	170.0	170.0	-40			0	271.3	26.4
21A175/023	06:53:29	CAL	170.0	170.0	-40			0	84.9	21.5
21C103/131	15:29:59	BB1	.0	5.0	0	.12	1	4	236.5	22.9
21C104/131	15:30:10	CAL	170.0	170.0	-40			0	236.5	22.8
21C133/145	10:57:48	CAL	170.0	170.0	-40			0	160.6	33.8
21C176/159	13:35:48	CAL	170.0	170.0	-40			0	204.9	29.0
21C190/160	15:29:59	BB1	.0	5.0	0	.12	1	4	231.9	17.3
21C191/160	15:30:10	CAL	170.0	170.0	-40			0	231.9	17.2
21C220/172	14:45:28	CAL	170.0	170.0	-40			0	220.0	20.3
21D018/188	11:37:35	CAL	170.0	170.0	-40			0	170.8	25.2
21D023/190	10:28:00	BB1	.0	5.0	0	.12	1	3	153.5	21.4
21D024/190	10:28:11	CAL	170.0	170.0	-40			0	153.5	21.3
21D069/200	11:19:59	BB1	.0	5.0	0	.12	1	4	165.5	22.2
21D070/200	11:20:10	CAL	170.0	170.0	-40			0	165.5	22.2
21D123/215	11:09:42	CAL	170.0	170.0	-40			0	161.6	18.9
21D153/219	11:32:59	BB1	.0	5.0	0	.12	1	4	166.7	19.3
21D154/219	11:33:10	CAL	170.0	170.0	-40			0	166.7	19.3
21D161/221	11:00:42	CAL	170.0	170.0	-40			0	158.9	17.4
21D177/222	08:07:39	BB1	.0	5.0	0	.12	1	4	123.7	-.4
21D196/234	07:54:15	BB1	.0	5.0	0	.12	1	4	120.8	-4.3
21D201/245	11:00:12	CAL	170.0	170.0	-40			0	155.9	14.2
21D217/246	07:20:32	BB1	.0	5.0	0	.12	1	4	114.2	-11.0
21D241/269	10:59:44	CAL	170.0	170.0	-40			0	152.2	12.6
21E001/270	06:38:58	BB1	.0	5.0	0	.12	1	4	104.7	-20.0
21E020/282	06:16:28	BB1	.0	5.0	0	.12	1	4	99.2	-24.0
21E025/293	10:59:45	CAL	170.0	170.0	-40			0	148.5	12.7
21E041/294	05:53:38	BB1	.0	5.0	0	.12	1	4	93.3	-29.0
21E060/306	05:30:32	BB1	.0	5.0	0	.12	1	4	86.8	-32.0
21E065/317	10:59:45	CAL	170.0	170.0	-40			0	144.8	14.6
21E081/318	05:06:09	BB1	.0	5.0	0	.12	1	4	79.7	-36.0
21E100/330	04:45:05	BB1	.0	5.0	0	.12	1	4	134.2	55.1
21E105/341	10:59:46	CAL	170.0	170.0	-40			0	264.8	29.6
21E108/341	12:06:15	CAL	170.0	170.0	-40			0	276.8	18.8
21E121/342	04:24:24	BB1	.0	5.0	0	.12	1	4	65.6	-40.0
21E140/354	03:58:41	BB1	.0	5.0	0	.12	1	4	56.9	-42.0
21E145/365	10:58:43	CAL	170.0	170.0	-40			0	138.9	22.0
21E148/365	12:03:42	CAL	170.0	170.0	-40			0	154.8	27.8
21E161/366	03:05:13	BB1	.0	5.0	0	.12	1	4	39.8	-46.0
21E178/379	12:00:01	BB1	.0	5.0	0	.12	1	4	153.1	30.5
21E179/379	11:59:43	CAL	170.0	170.0	-40			0	153.1	30.5
21E199/386	12:00:01	BB1	.0	5.0	0	.12	1	4	152.9	32.0
21E200/386	11:59:43	CAL	170.0	170.0	-40			0	152.8	32.0
21F001/408	12:00:00	BB1	.0	5.0	0	.12	1	4	152.5	37.0
21F002/408	11:59:42	CAL	170.0	170.0	-40			0	152.4	37.0
21F036/415	12:00:01	BB1	.0	5.0	0	.12	1	4	152.5	38.6
21F037/415	11:59:43	CAL	170.0	170.0	-40			0	152.4	38.5
21F100/439	07:59:59	BB1	.0	5.0	0	.12	1	4	95.9	11.9
21F101/439	09:59:59	BB1	.0	5.0	0	.12	1	4	120.1	30.4
21F104/439	12:00:01	BB1	.0	5.0	0	.12	1	4	152.9	43.9
21F105/439	11:59:43	CAL	170.0	170.0	-40			0	152.8	43.9
21F106/439	13:59:59	BB1	.0	5.0	0	.12	1	4	194.4	46.2
21F129/447	10:58:55	BB1	.0	5.0	0	.12	1	4	134.6	39.8
21F130/447	10:59:05	CAL	170.0	170.0	-40			0	134.6	39.8
21F197/478	10:58:59	BB1	.0	5.0	0	.12	1	4	134.1	46.2
21F198/478	10:59:09	CAL	170.0	170.0	-40			0	134.1	46.2
21F220/480	10:58:59	BB1	.0	5.0	0	.12	1	4	134.0	46.6
21F221/480	10:59:09	CAL	170.0	170.0	-40			0	134.1	46.6
21G029/501	10:58:58	BB1	.0	5.0	0	.12	1	4	133.8	50.4
21G030/501	10:59:08	CAL	170.0	170.0	-40			0	133.9	50.5
21G081/521	10:58:59	BB1	.0	5.0	0	.12	1	4	133.7	53.6
21G082/521	10:59:09	CAL	170.0	170.0	-40			0	133.8	53.7
21G116/537	10:58:59	BB1	.0	5.0	0	.12	1	4	133.7	55.8

VL-2
CALIBRATION AND SCAN VERIFICATION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
21G117/537	10:59:09	CAL	170.0	170.0	-40			0	133.7	55.9
21G147/553	10:58:59	BB1	.0	5.0	0	.12	1	4	133.8	57.7
21G148/553	10:59:09	CAL	170.0	170.0	-40			0	133.8	57.7
21G171/557	10:58:59	BB1	.0	5.0	0	.12	1	4	133.8	58.1
21G172/557	10:59:09	CAL	170.0	170.0	-40			0	133.9	58.1
21H006/593	10:58:58	BB1	.0	2.5	0	.12	1	4	134.6	60.6
21H007/593	10:59:04	CAL	170.0	170.0	-40			0	134.7	60.6
21H080/629	10:58:58	BB1	.0	2.5	0	.12	1	4	137.0	61.2
21H081/629	10:59:04	CAL	170.0	170.0	-40			0	137.1	61.2
21H114/659	13:00:00	BB1	.0	2.5	0	.12	1	4	199.8	63.7
21H115/659	13:00:06	CAL	170.0	170.0	-40			0	199.9	63.7
21H175/733	12:59:59	BB1	.0	2.5	0	.12	1	4	199.9	52.8
21H176/733	13:00:05	CAL	170.0	170.0	-40			0	200.0	52.8
21I005/871	11:09:59	BB1	.0	2.5	0	.12	1	4	162.9	21.3
21I006/871	11:10:05	CAL	170.0	170.0	-40			0	162.9	21.3
21I080/955	14:09:59	BB1	.0	2.5	0	.12	1	4	193.0	17.3
21I081/955	14:10:05	CAL	170.0	170.0	-40			0	193.0	17.3

VL-2
CALIBRATION AND SCAN VERIFICATION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22A004/000	15:06:42	CAL	170.0	170.0	-40			0	245.5	48.4
22A012/001	17:37:36	CAL	170.0	170.0	-40			0	276.0	24.2
22A017/002	14:55:50	CAL	170.0	170.0	-40			0	242.5	49.8
22A037/005	15:10:16	CAL	170.0	170.0	-40			0	246.0	47.4
22A087/012	17:11:46	CAL	170.0	170.0	-40			0	270.7	27.3
22A094/013	17:23:20	CAL	170.0	170.0	-40			0	272.7	25.3
22A177/023	07:03:56	CAL	170.0	170.0	-40			0	86.8	23.2
22B019/033	09:00:13	CAL	170.0	170.0	-40			0	111.4	41.0
22B077/039	19:20:54	CAL	170.0	170.0	-40			0	291.2	3.3
22B145/047	12:51:56	CAL	170.0	170.0	-40			0	196.7	56.5
22B159/048	12:51:17	CAL	170.0	170.0	-40			0	196.5	56.3
22B179/048	23:50:28	CAL	170.0	170.0	-40			0	348.9	-26.0
22B188/049	12:52:28	CAL	170.0	170.0	-40			0	196.9	56.1
22B208/051	10:35:28	CAL	170.0	170.0	-40			0	141.6	51.4
22C110/132	07:59:59	BB1	.0	5.0	0	.12	1	4	115.9	17.6
22C111/132	08:00:10	CAL	170.0	170.0	-40			0	115.9	17.5
22C129/144	14:39:02	CAL	170.0	170.0	-40			0	222.9	26.5
22C165/155	13:31:23	CAL	170.0	170.0	-40			0	204.2	30.2
22C192/161	08:29:59	BB1	.0	5.0	0	.12	1	4	125.9	15.6
22C193/161	08:30:10	CAL	170.0	170.0	-40			0	125.8	15.6
22C206/162	13:31:23	CAL	170.0	170.0	-40			0	203.4	28.7
22C216/172	11:22:15	CAL	170.0	170.0	-40			0	167.6	28.4
22D020/188	12:04:42	CAL	170.0	170.0	-40			0	177.8	25.7
22D028/190	10:45:00	BB1	.0	5.0	0	.12	1	3	157.5	22.5
22D029/190	10:45:11	CAL	170.0	170.0	-40			0	157.5	22.5
22D071/200	11:24:59	BB1	.0	5.0	0	.12	1	4	166.7	22.4
22D072/200	11:25:10	CAL	170.0	170.0	-40			0	166.7	22.4
22D117/214	11:12:43	CAL	170.0	170.0	-40			0	162.5	19.2
22D148/219	11:14:59	BB1	.0	5.0	0	.12	1	4	162.5	18.5
22D149/219	11:15:10	CAL	170.0	170.0	-40			0	162.5	18.5
22D164/221	12:07:14	CAL	170.0	170.0	-40			0	174.6	19.9
22D178/222	08:31:15	BB1	.0	5.0	0	.12	1	4	128.0	2.8
22D197/234	08:17:50	BB1	.0	5.0	0	.12	1	4	125.0	-1.1
22D204/245	12:06:45	CAL	170.0	170.0	-40			0	170.9	17.3
22D218/246	07:44:07	BB1	.0	5.0	0	.12	1	4	118.2	-7.6
22D237/258	07:23:14	BB1	.0	5.0	0	.12	1	4	113.5	-12.0
22D244/269	12:06:17	CAL	170.0	170.0	-40			0	166.9	16.3
22E002/270	07:02:34	BB1	.0	5.0	0	.12	1	4	108.6	-16.0
22E021/282	06:40:04	BB1	.0	5.0	0	.12	1	4	103.1	-21.0
22E028/293	12:06:18	CAL	170.0	170.0	-40			0	163.2	17.2
22E042/294	06:17:13	BB1	.0	5.0	0	.12	1	4	97.3	-25.0
22E061/306	05:54:08	BB1	.0	5.0	0	.12	1	4	91.1	-28.0
22E068/317	12:06:18	CAL	170.0	170.0	-40			0	159.9	19.6
22E082/318	05:29:44	BB1	.0	5.0	0	.12	1	4	84.3	-32.0
22E101/330	05:08:41	BB1	.0	5.0	0	.12	1	4	142.8	57.6
22E122/342	04:48:00	BB1	.0	5.0	0	.12	1	4	71.0	-37.0
22E162/366	03:28:49	BB1	.0	5.0	0	.12	1	4	46.9	-44.0
22E180/379	12:02:01	BB1	.0	5.0	0	.12	1	4	153.7	30.6
22E181/379	12:01:43	CAL	170.0	170.0	-40			0	153.6	30.6
22E201/386	12:02:01	BB1	.0	5.0	0	.12	1	4	153.4	32.2
22E202/386	12:01:43	CAL	170.0	170.0	-40			0	153.4	32.1
22F003/408	12:03:00	BB1	.0	5.0	0	.12	1	4	153.4	37.2
22F004/408	12:02:42	CAL	170.0	170.0	-40			0	153.3	37.2
22F038/415	12:03:01	BB1	.0	5.0	0	.12	1	4	153.4	38.8
22F039/415	12:02:43	CAL	170.0	170.0	-40			0	153.3	38.8
22F103/439	10:59:59	BB1	.0	5.0	0	.12	1	4	135.1	38.2
22F131/447	11:00:55	BB1	.0	5.0	0	.12	1	4	135.1	40.0
22F132/447	11:01:05	CAL	170.0	170.0	-40			0	135.2	40.0
22F199/478	11:00:59	BB1	.0	5.0	0	.12	1	4	134.7	46.4
22F200/478	11:01:09	CAL	170.0	170.0	-40			0	134.7	46.5
22F222/480	11:00:59	BB1	.0	5.0	0	.12	1	4	134.6	46.8
22F223/480	11:01:09	CAL	170.0	170.0	-40			0	134.7	46.9
22G031/501	11:00:58	BB1	.0	5.0	0	.12	1	4	134.5	50.7
22G032/501	11:01:08	CAL	170.0	170.0	-40			0	134.5	50.7
22G083/521	11:00:59	BB1	.0	5.0	0	.12	1	4	134.4	53.9
22G084/521	11:01:09	CAL	170.0	170.0	-40			0	134.5	53.9
22G118/537	11:00:59	BB1	.0	5.0	0	.12	1	4	134.4	56.1
22G119/537	11:01:09	CAL	170.0	170.0	-40			0	134.4	56.1

VL-2
CALIBRATION AND SCAN VERIFICATION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
22G149/553	11:00:59	BB1	.0	5.0	0	.12	1	4	134.5	57.9
22G150/553	11:01:09	CAL	170.0	170.0	-40			0	134.5	57.9
22G173/557	11:00:59	BB1	.0	5.0	0	.12	1	4	134.5	58.3
22G174/557	11:01:09	CAL	170.0	170.0	-40			0	134.6	58.3
22G253/593	08:47:44	BB1	.0	2.5	0	.12	1	4	98.7	41.5
22G254/593	08:47:50	CAL	170.0	170.0	-40			0	98.7	41.5
22H000/593	08:50:29	BB1	.0	2.5	0	.12	1	4	99.2	41.9
22H001/593	08:50:35	CAL	170.0	170.0	-40			0	99.2	41.9
22H082/629	11:00:58	BB1	.0	2.5	0	.12	1	4	137.8	61.4
22H083/629	11:01:04	CAL	170.0	170.0	-40			0	137.9	61.4
22H089/630	12:50:00	BB1	312.5	332.5	-30	.12	1	4	193.4	66.0
22H144/696	12:59:59	BB1	.0	2.5	0	.12	1	4	200.2	59.3
22H145/696	13:00:05	CAL	170.0	170.0	-40			0	200.2	59.3
22H207/770	12:59:59	BB1	.0	2.5	0	.12	1	4	199.0	44.8
22H208/770	13:00:05	CAL	170.0	170.0	-40			0	199.0	44.8
22I052/872	15:59:59	BB1	.0	2.5	0	.12	1	4	229.9	7.5
22I053/872	16:00:05	CAL	170.0	170.0	-40			0	230.0	7.5
22I082/955	14:14:59	BB1	.0	2.5	0	.12	1	4	194.1	17.2
22I083/955	14:15:05	CAL	170.0	170.0	-40			0	194.2	17.1

IPL PICTURE IDENTIFIERS (EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21C071/073	SUN	77/12/22/235633
21C072/073	SUN	77/12/22/235722
21C073/088	SUN	77/12/22/235812
21C074/088	SUN	77/12/22/235856
22C075/104	BB1	77/12/22/235945
22C076/111	SUN	77/12/23/000052
21C077/111	BB4	77/12/23/000139
21C078/111	BB4	77/12/23/000244
21C079/111	BB4	77/12/23/000530
21C080/111	BB3	77/12/23/000613
21C081/111	BB1	77/12/23/000720
22C082/111	BB4	77/12/23/000808
22C083/111	SUN	77/12/23/000856
22C084/111	BB2	77/12/23/000954
22C085/111	RED	77/12/23/001110
21C086/111	SUN	77/12/23/001224
21C087/111	SUN	77/12/23/001610
22C088/120	SUN	77/12/23/001712
22C089/120	SUN	77/12/23/001810
22C090/120	SUN	77/12/23/001900
22C091/120	SUN	77/12/23/002713
22C092/124	BB4	77/12/23/002812
22C093/124	BB3	77/12/23/002912
21C094/124	BB4	77/12/23/003014
22C095/125	BB1	77/12/23/003129
21C096/125	BB1	77/12/23/003226
22C097/128	BB3	77/12/23/003331
		77/12/23/003420
21C098/129	BB4	77/12/23/003713
21C099/130	BB3	77/12/23/003851
		77/12/23/003943
22C100/131	BB1	77/12/23/004122
		77/12/23/004210
21C101/131	BB1	77/12/23/004335
22C102/131	BB1	77/12/23/004507
21C103/131	BB1	77/12/23/004633
21C104/131	UN15/C	77/12/23/005131
21C105/131	SUN	77/12/23/005232
21C106/131	SUN	77/12/23/005341
22C107/132	BLU/T	77/12/23/005454
	GRN/T	77/12/23/005602
	RED/T	77/12/23/005718
22C108/132	SUN	77/12/23/005827
22C109/132	BLU/T	77/12/23/005937
	GRN/T	77/12/23/014127
	RED/T	77/12/23/014242
22C110/132	BB1	77/12/23/014342
22C111/132	UN15/C	77/12/23/014435
22C112/132	SUN	77/12/23/014542
22C113/132	BLU/T	77/12/23/014646
	GRN/T	77/12/23/014758
	RED/T	77/12/23/014854
22C114/132	BLU/T	77/12/23/015135
22C114/132	GRN/T	77/12/23/015238
	RED/T	77/12/23/015414
22C115/132	BLU/T	77/12/23/015512
	GRN/T	77/12/23/015619
	RED/T	77/12/23/015738
22C116/132	BLU/T	77/12/23/015837
	GRN/T	77/12/23/020000
	RED/T	77/12/23/020731
22C117/132	BLU/T	77/12/23/020812
	GRN/T	77/12/23/020856
	RED/T	77/12/23/021010
22C118/132	BLU/T	77/12/23/021204
	GRN/T	77/12/23/021255
	RED/T	77/12/23/021356
21C119/132	BB2	77/12/23/021444
22C120/141	BB1	77/12/23/172507
22C121/141	BB3	77/12/23/172557
22C122/141	BB4	77/12/23/172656
22C123/141	BB4	77/12/23/172750
21C124/141	BB2	77/12/23/172925
21C125/141	BB4	77/12/23/173103
22C126/144	BLU	77/12/23/173338
		77/12/23/173447
22C127/144	GRN	77/12/23/173803
		77/12/23/173854
22C128/144	RED	77/12/23/174012
		77/12/23/174046
22C129/144	UN07/C	77/12/23/174138
21C130/145	BLU	77/12/23/174243
21C131/145	GRN	77/12/23/174345
21C132/145	RED	77/12/23/174454
21C133/145	UN15/C	77/12/23/174745
21C134/145	BLU	77/12/23/174846
21C135/145	GRN	77/12/23/174942
21C136/145	RED	77/12/23/175037
21C137/145	BB2	77/12/23/175127
22C138/145	BB2	77/12/23/175228
21C139/145	BB2	77/12/23/175335
21C140/145	SUN	77/12/23/175501
21C141/145	BB3	77/12/23/180419
21C142/145	SUN	77/12/23/180506
21C143/145	BLU/T	77/12/23/180556
	GRN/T	77/12/23/180652
	RED/T	77/12/23/180753
21C144/145	BLU/T	77/12/23/180843
	GRN/T	77/12/23/180940
	RED/T	77/12/23/181037
21C145/145	BLU/T	77/12/23/181307
	GRN/T	77/12/23/181413
	RED/T	77/12/23/181525
22C146/146	SUN	77/12/23/181625
22C147/146	SUN	77/12/23/181721
21C148/146	BB4	77/12/23/181817
22C149/146	BB3	77/12/23/181936
22C150/146	BB4	77/12/23/182042
21C151/146	BB4	77/12/23/182335
21C152/146	BB1	77/12/23/182439

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21C153/146	BB1	77/12/23/182535
21C154/146	BB4	77/12/23/182630
21C155/146	BB1	77/12/23/182737
21C156/146	BB2	77/12/23/182836
22C157/146	BB3	77/12/23/182934
22C158/146	BB3	77/12/23/195629
		77/12/23/195700
21C159/146	BB2	77/12/23/195758
22C160/146	BB2	77/12/23/195843
21C161/146	BB2	77/12/23/195940
22C162/146	BB2	77/12/23/200029
21C163/154	BB1	77/12/23/200113
22C164/155	BB2	77/12/23/200154
22C165/155	UN15/C	77/12/23/200427
22C166/158	BB3	77/12/23/200512
22C167/158	BB3	77/12/23/200614
22C168/158	BB3	77/12/23/200708
22C169/158	BB3	77/12/23/200809
22C170/158	BB3	77/12/23/200903
22C171/158	BB3	77/12/23/200948
22C172/158	BB3	77/12/23/201032
21C173/159	BLU/T	78/03/22/225106
		78/03/22/225142
	GRN/T	78/03/22/225303
		78/03/22/225350
	RED/T	78/03/22/225528
		78/03/22/225613
21C174/159	BLU/T	78/03/22/225717
	GRN/T	78/03/22/225815
	RED/T	78/03/22/230121
21C175/159	BLU/T	78/03/22/230225
	GRN/T	78/03/22/230326
	RED/T	78/03/22/230433
21C176/159	UN15/C	78/03/22/230522
22C177/159	SUN	78/03/22/230612
22C178/159	BB3	78/03/22/230712
21C179/159	SUN	78/03/22/230809
21C180/159	BB4	77/12/23/235831
22C181/159	BB4	77/12/23/235912
22C182/160	BLU/T	77/12/24/000007
	GRN/T	77/12/24/000057
	RED/T	77/12/24/000139
22C183/160	BLU/T	77/12/24/000225
	GRN/T	77/12/24/000317
	RED/T	77/12/24/000402
22C184/160	BLU/T	77/12/24/000647
	GRN/T	77/12/24/000744
	RED/T	77/12/24/000832
22C185/160	SUN	77/12/24/000916
22C186/160	SUN	77/12/24/004008
22C187/160	SUN	77/12/24/004104
22C188/160	SUN	77/12/24/004147
22C189/160	BB3	77/12/24/004229
21C190/160	BB1	77/12/24/001133
21C191/160	UN15/C	77/12/24/001214
22C192/161	BB1	77/12/24/001312
22C193/161	UN15/C	77/12/24/001359
21C194/161	BB1	77/12/24/001443
22C195/161	BB1	77/12/24/001544
22C196/161	BB3	77/12/24/001651
		77/12/24/001721
22C197/161	BB4	77/12/24/002009
		77/12/24/002056
		77/12/24/002137
		77/12/24/002209
21C198/161	BB4	77/12/24/002259
22C199/161	BB3	77/12/24/002356
21C200/161	BB2	77/12/24/002446
21C201/161	BB2	77/12/24/002528
22C202/161	BB2	77/12/24/002743
22C203/161	BB2	77/12/24/002840
21C204/162	BB4	77/12/24/002946
		77/12/24/003016
22C205/162	BLU/T	77/12/24/003107
	GRN/T	77/12/24/003157
	RED/T	77/12/24/003242
22C206/162	UN15/C	77/12/24/003327
21C207/163	BB4	77/12/24/021833
		77/12/24/021923
21C208/165	BB4	77/12/24/022024
		77/12/24/022056
22C209/170	RED	77/12/24/022143
22C210/170	BB2	77/12/24/022225
22C211/170	BB2	77/12/24/022328
22C212/170	BB2	77/12/24/022414
22C213/170	BB2	77/12/24/022732
22C214/170	BB2	77/12/24/022832
22C215/172	BLU/T	77/12/24/022936
	GRN/T	77/12/24/023035
	RED/T	77/12/24/023131
22C216/172	UN15/C	77/12/24/023214
22C217/172	BB3	77/12/24/023305
22C218/172	BB3	77/12/24/023348
21C219/172	BB2	77/12/24/023606
21C220/172	UN15/C	77/12/24/023652
21C221/172	BB2	77/12/24/023736
22C222/172	BB2	77/12/24/023838
22C223/172	BB2	77/12/24/023923
22C224/173	SUN	77/12/24/024007
21C225/173	BLU	77/12/24/024626
21C226/173	GRN	77/12/24/024741
21C227/173	RED	77/12/24/024624
22C228/173	SUN	77/12/24/024723
21C229/173	BLU	77/12/24/024809
21C230/173	GRN	77/12/24/024901
21C231/173	RED	77/12/24/024951
22C232/173	SUN	77/12/24/025049
22C233/173	SUN	77/12/24/025150
22C234/173	BLU/T	77/12/24/025250
	GRN/T	77/12/24/025510
	RED/T	77/12/24/025559

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22C235/173	IR1/T	77/12/24/025953
	IR2/T	77/12/24/025844
	IR3/T	77/12/24/025717
22C236/173	BLU	77/12/24/030117
22C237/173	GRN	77/12/24/030219
22C238/173	RED	77/12/24/030320
22C239/173	SUN	77/12/24/030547
21C240/173	BLU	77/12/24/030646
21C241/173	GRN	77/12/24/030735
21C242/173	RED	77/12/24/030816
22C243/173	SUN	77/12/24/033529
21C244/173	BLU/T	77/12/24/033635
	GRN/T	77/12/24/033749
	RED/T	77/12/24/033910
22C245/174	SUN	77/12/24/025046
21C246/174	BLU	77/12/24/025144
21C247/174	GRN	77/12/24/025235
21C248/174	RED	77/12/24/025322
21C249/174	BLU	77/12/24/025403
21C250/174	GRN	77/12/24/025445
21C251/174	RED	77/12/24/025542
22C252/174	SUN	77/12/24/025639
22C253/177	BB3	77/12/24/030012
		77/12/24/030100
22C254/177	BB2	77/12/24/030215
22C255/184	BLU/T	77/12/24/030320
	GRN/T	77/12/24/030409

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22C255/184	RED/T	77/12/24/030450
22D000/184	BLU/T	77/12/24/030544
	GRN/T	77/12/24/030649
	RED/T	77/12/24/030936
22D001/184	BLU/T	77/12/24/031018
	GRN/T	77/12/24/031128
	RED/T	77/12/24/031220
22D002/184	SUN	77/12/24/031307
22D003/184	SUN	77/12/24/034349
22D004/184	BB4	77/12/24/034444
22D005/184	SUN	77/12/24/034538
22D006/184	SUN	77/12/24/031551
22D007/184	SUN	77/12/24/031638
22D008/184	SUN	77/12/24/031720
21D009/184	BB4	77/12/24/031835
		77/12/24/031924
		77/12/24/032012
22D010/184	SUN	77/12/24/032116
22D011/184	SUN	77/12/24/032216
21D012/184	BLU/T	77/12/24/032458
	GRN/T	77/12/24/032539
	RED/T	77/12/24/032623
21D013/184	BLU/T	77/12/24/032721
	GRN/T	77/12/24/032823
	RED/T	77/12/24/032913
21D014/184	BLU/T	77/12/24/033012
	GRN/T	77/12/24/033115
	RED/T	77/12/24/033340
22D015/186	BB2	77/12/24/033530
22D016/187	SUN	77/12/24/033640

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21D017/188	BLU/T	77/12/24/033755
	GRN/T	77/12/24/033909
	RED/T	77/12/24/034016
21D018/188	UN07/C	77/12/24/034112
22D019/188	BB3	77/12/28/212234
		77/12/28/212308
22D020/188	UN07/C	77/12/28/212400
22D021/188	SUN	77/12/28/212506
22D022/189	SUN	77/12/28/212603
21D023/190	BB1	77/12/28/212651
21D024/190	UN15/C	77/12/28/212745
21D025/190	BB4	77/12/28/213232
		77/12/28/213337
21D026/190	BB4	77/12/28/213453
		77/12/28/213525
22D027/190	SUN	77/12/28/213615
22D028/190	BB1	77/12/28/213703
22D029/190	UN15/C	77/12/28/213759
22D030/190	BLU/T	77/12/28/213854
	GRN/T	77/12/28/214201
	RED/T	77/12/28/214305
22D031/190	BB1	77/12/28/214410
22D032/190	BB2	77/12/28/214548
		77/12/28/214637
		77/12/28/214729
		77/12/28/214813
22D033/191	SUN	77/12/28/214927
21D034/192	BB1	77/12/28/215619
22D035/192	SUN	77/12/28/215731

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21D036/193	BB2	77/12/28/215900
22D037/193	BB1	77/12/28/220015
22D038/193	BLU/T	77/12/28/220113
	GRN/T	77/12/28/220221
	RED/T	77/12/28/220309
21D039/193	BB4	77/12/28/220619
		77/12/28/220707
		77/12/28/220753
22D040/193	SUN	77/12/28/220940
22D041/193	BB3	77/12/28/221054
22D042/193	BB3	77/12/28/221148
21D043/193	BB2	77/12/28/221317
22D044/194	SUN	77/12/28/221421
22D045/195	SUN	77/12/28/221918
22D046/195	BB2	77/12/28/221959
22D047/196	SUN	77/12/28/222106
22D048/197	SUN	77/12/28/222214
21D049/198	BLU/T	77/12/28/222404
	GRN/T	77/12/28/222510
	RED/T	77/12/28/222630
21D050/198	BB1	77/12/28/222844
21D051/198	BLU	77/12/24/034627
21D052/198	GRN	77/12/24/034722
21D053/198	RED	77/12/24/034816
22D054/198	BLU	77/12/24/034907
22D055/198	GRN	77/12/24/035005
22D056/198	RED	77/12/24/035103

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22D057/198	BB3	77/12/24/035215
		77/12/24/035255
22D058/198	SUN	77/12/24/035536
22D059/199	SUN	77/12/24/035624
22D060/199	SUN	77/12/24/035715
22D061/199	SUN	77/12/24/035757
22D062/199	SUN	77/12/24/035849
21D063/199	SUN	77/12/24/035951
22D064/199	BLU/T	77/12/24/040054
	GRN/T	77/12/24/040208
	RED/T	77/12/24/040455
22D065/199	IR1/T	77/12/24/040711
	IR2/T	77/12/24/040627
	IR3/T	77/12/24/040543
22D066/199	SUN	77/12/24/040802
22D067/199	SUN	77/12/24/041524
22D068/200	BLU/T	77/12/24/041624
	GRN/T	77/12/24/041722
	RED/T	77/12/24/035038
21D069/200	BB1	77/12/24/035121
21D070/200	UN15/C	77/12/24/035221
22D071/200	BB1	77/12/24/035310
22D072/200	UN15/C	77/12/24/035353
22D073/200	SURV	77/12/24/035435
22D074/200	SUN	77/12/24/035516
22D075/201	SUN	77/12/24/035610
22D076/201	BB1	77/12/24/035911
22D077/201	SUN	77/12/24/040002

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22D078/202	SUN	77/12/24/040058
21D079/202	BB4	77/12/24/040205
22D080/202	BB1	77/12/24/040253
22D081/202	BB1	77/12/24/040334
22D082/203	BB1	77/12/24/040416
22D083/203	BB1	77/12/24/040515
22D084/203	BB2	77/12/24/040808
22D085/203	SUN	77/12/24/040905
22D086/204	SUN	77/12/24/040945
22D087/205	SUN	77/12/24/041052
22D088/205	BLU/T	77/12/24/042055
		77/12/24/042135
	GRN/T	77/12/24/042308
		77/12/24/042348
	RED/T	77/12/24/041035
		77/12/24/041111
22D089/205	BLU/T	77/12/24/041208
	GRN/T	77/12/24/041258
	RED/T	77/12/24/041522
22D090/205	BLU/T*	77/12/24/041626
	GRN/T*	77/12/24/041729
	RED/T*	77/12/24/041832
22D091/206	SUN	77/12/24/042115
21D092/206	BLU/T	77/12/24/042204
	GRN/T	77/12/24/042322
	RED/T	77/12/24/042410
22D093/207	BLU/T	77/12/24/042458
	GRN/T	77/12/24/042543
	RED/T	77/12/24/042639
21D094/207	BB4	77/12/24/042933
		77/12/24/043014

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21D094/207	BB4	77/12/24/043057
22D095/207	BLU/T	77/12/24/043204
	GRN/T	77/12/24/043256
	RED/T	77/12/24/043342
21D096/207	SUN	77/12/24/043437
21D097/208	BLU/T	77/12/24/043551
	GRN/T	77/12/24/042602
	RED/T	77/12/24/042652
22D098/208	IR1/T	77/12/24/042856
	IR2/T	77/12/24/042815
	IR3/T	77/12/24/042734
21D099/208	BLU/T	77/12/24/043005
	GRN/T	77/12/24/043102
	RED/T	77/12/24/043200
22D100/208	IR1/T	77/12/24/043608
	IR2/T	77/12/24/043512
	IR3/T	77/12/24/043422
22D101/208	SUN	77/12/24/043708
21D102/208	BLU/T	77/12/24/043814
	GRN/T	77/12/24/043858
	RED/T	77/12/24/043953
22D103/208	IR1/T	77/12/24/044406
	IR2/T	77/12/24/044314
	IR3/T	77/12/24/044051
21D104/208	BLU/T	77/12/24/044455
	GRN/T	77/12/24/044552
	RED/T	77/12/24/044701
22D105/208	IR1/T	77/12/24/044943
	IR2/T	77/12/24/044848
	IR3/T	77/12/24/044751
21D106/208	BLU/T	77/12/24/043915
	GRN/T	77/12/24/044006
	RED/T	77/12/24/044059
22D107/208	IR1/T	77/12/24/044319
	IR2/T	77/12/24/044224

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22D107/208	IR3/T	77/12/24/044144
22D108/209	SUN	77/12/24/044417
22D109/210	SUN	77/12/24/044511
22D110/211	SUN	77/12/24/044824
22D111/212	SUN	77/12/24/044908
22D112/213	SUN	77/12/24/044957
22D113/214	BB4	77/12/24/045055
22D114/214	BB4	77/12/24/045141
22D115/214	BB4	77/12/24/045245
22D116/214	BLU/T	77/12/24/045344
	GRN/T	77/12/24/045446
	RED/T	77/12/24/045718
22D117/214	UN15/C	77/12/24/045812
22D118/214	SUN	77/12/24/045902
21D119/215	BLU/T	77/12/24/045951
	GRN/T	77/12/24/050114
	RED/T	77/12/24/050213
21D120/215	BLU/T	77/12/24/050311
	GRN/T	77/12/24/050406
	RED/T	77/12/24/045213
21D121/215	BLU/T	77/12/24/045300
	GRN/T	77/12/24/045353
	RED/T	77/12/24/045451
21D122/215	BLU/T	77/12/24/045537
	GRN/T	77/12/24/045619
	RED/T	77/12/24/045714
21D123/215	UN07/C	77/12/24/045841
21D124/215	BB4	77/12/24/050105
21D125/215	BB4	77/12/24/050210

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21D126/215	BB4	77/12/24/050315
22D127/215	SUN	77/12/24/050414
21D128/216	BLU/T	77/12/24/050519
	GRN/T	77/12/24/050617
	RED/T	77/12/24/050707
22D129/216	SUN	77/12/24/050758
22D130/216	BB2	77/12/24/051025
22D131/216	BB2	77/12/24/051124
22D132/217	SUN	77/12/24/051220
21D133/218	SUN	77/12/24/051311
22D134/218	BLU/T	77/12/24/051450
	GRN/T	77/12/24/051556
	RED/T	77/12/24/051657
22D135/218	BLU/T	77/12/24/051742
	GRN/T	77/12/24/050916
	RED/T	77/12/24/050958
22D136/218	BLU/T	77/12/24/051115
	GRN/T	77/12/24/051232
	RED/T	77/12/24/051341
22D137/218	BLU/T	77/12/24/051452
	GRN/T	77/12/24/051551
	RED/T	77/12/24/051646
22D138/218	BLU/T	77/12/24/051926
	GRN/T	77/12/24/052023
	RED/T	77/12/24/052118
22D139/218	BLU	77/12/24/052212
22D140/218	GRN	77/12/24/052311
22D141/218	RED	77/12/24/052411
21D142/219	BB2	77/12/24/052510
21D143/219	BB2	77/12/24/052609

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21D144/219	BB2	77/12/24/052912
21D145/219	BB2	77/12/24/053004
22D146/219	BB1	77/12/24/053120
22D147/219	BB1	77/12/24/053241
22D148/219	BB1	77/12/24/053407
22D149/219	UN15/C	77/12/24/053543
22D150/219	BLU	77/12/24/053631
22D151/219	GRN	77/12/24/053718
22D152/219	RED	77/12/24/052008
21D153/219	BB1	77/12/24/052056
21D154/219	UN07/C	77/12/24/052141
22D155/219	SUN	77/12/24/052228
21D156/219	BLU	77/12/24/052321
21D157/219	GRN	77/12/24/052419
21D158/219	RED	77/12/24/052517
22D159/220	SUN	77/12/24/052614
21D160/221	BLU/T	77/12/24/052830
	GRN/T	77/12/24/052927
	RED/T	77/12/24/053041
21D161/221	UN15/C	77/12/24/053147
21D162/221	SUN	77/12/24/053256
22D163/221	BB4	77/12/24/053418
22D164/221	UN15/C	77/12/24/053601
21D165/221	BB1	77/12/24/053700
22D166/221	SURV	77/12/24/053922

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22D167/221	BB4	77/12/24/054021
21D168/221	BB4	77/12/24/054133
22D169/221	BLU	77/12/24/054232
22D170/221	GRN	77/12/24/060950
22D171/221	RED	77/12/24/061046
22D172/221	SUN	77/12/24/061141
22D173/221	BLU	77/12/24/061234
22D174/221	GRN	77/12/24/054456
22D175/221	RED	77/12/24/054554
21D176/221	BB4	77/12/24/054657
22D177/222	BB1	77/12/24/054744
22D178/222	BB1	77/12/24/054826
21D179/233	BB4	77/12/24/054914
22D180/233	BLU/T	77/12/24/054956
	GRN/T	77/12/24/055038
	RED/T	77/12/24/055309
22D181/233	BLU/T	77/12/24/055404
	GRN/T	77/12/24/055504
	RED/T	77/12/24/055608
22D182/233	SURV	77/12/24/055706
22D183/233	SUN	77/12/24/055757
21D184/233	BLU	77/12/24/055843
21D185/233	GRN	77/12/24/055933
21D186/233	RED	77/12/24/060259
22D187/233	BB4	77/12/24/060401
21D188/233	BB2	77/12/24/060455

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22D189/233	SUN	77/12/24/060547
21D190/233	BB4	77/12/24/062443
22D191/233	BB4	77/12/24/062527
21D192/233	BLU	77/12/24/062609
21D193/233	GRN	77/12/24/062650
21D194/233	RED	77/12/24/054025
21D195/233	BB4	77/12/24/054127
21D196/234	BB1	77/12/24/054220
22D197/234	BB1	77/12/24/054313
21D198/245	BLU/T	77/12/24/054356
	GRN/T	77/12/24/054448
	RED/T	77/12/24/054552
22D199/245	BB4	77/12/24/054702
21D200/245	BLU/T	77/12/24/055208
	GRN/T	77/12/24/055257
	RED/T	77/12/24/055358
21D201/245	UN07/C	77/12/24/055504
21D202/245	SUN	77/12/24/055610
22D203/245	BB4	77/12/24/055718
22D204/245	UN15/C	77/12/24/055819
21D205/245	BB1	77/12/24/055918
22D206/245	SURV	77/12/24/060157
22D207/245	BB4	77/12/24/060256
21D208/245	BB4	77/12/24/060408
22D209/245	BLU	77/12/24/060511
22D210/245	GRN	77/12/24/060954

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22D211/245	RED	77/12/24/061055
22D212/245	SUN	77/12/24/061152
22D213/245	BLU	77/12/24/061248
22D214/245	GRN	78/01/21/110357
22D215/245	RED	78/01/21/110452
21D216/245	BB4	78/01/21/110551
21D217/246	BB1	78/01/21/110707
22D218/246	BB1	78/01/21/110806
21D219/257	BB4	78/01/21/110902
22D220/257	BLU/T	78/01/21/110953
	GRN/T	78/01/21/111044
	RED/T	78/01/21/111407
22D221/257	BLU/T	*78/01/21/111503
	GRN/T	*78/01/21/111613
	RED/T	*78/01/21/111709
22D222/257	SURV	*78/01/21/111829
22D223/257	SUN	78/01/21/111930
21D224/257	BLU	78/01/21/112015
21D225/257	GRN	78/01/21/112109
21D226/257	RED	78/01/21/112420
22D227/257	BB4	78/01/21/112518
21D228/257	BB2	78/01/21/112616
22D229/257	SUN	78/01/21/112711
21D230/257	BB4	78/01/21/112837
22D231/257	BB4	78/01/21/112958
21D232/257	BLU	78/01/21/113143

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21D233/257	GRN	78/01/21/113301
21D234/257	RED	78/01/21/113825
21D235/257	BB4	78/01/21/113932
21D236/258	BB1	*78/01/21/114119
22D237/258	BB1	78/01/21/114238
21D238/269	BLU/T	78/01/21/114411
	GRN/T	78/01/21/114528
	RED/T	78/01/21/114642
22D239/269	BB4	78/01/21/114803
21D240/269	BLU/T	78/01/21/115047
	GRN/T	78/01/21/115143
	RED/T	78/01/21/115307
21D241/269	UN07/C	78/01/21/115430
21D242/269	SUN	78/01/21/115543
22D243/269	BB4	78/01/21/115727
22D244/269	UN15/C	78/01/21/115845
21D245/269	BB1	78/01/21/115956
22D246/269	SURV	78/01/21/120234
22D247/269	BB4	78/01/21/120342
21D248/269	BB4	78/01/21/120520
22D249/269	BLU	78/01/21/120625
22D250/269	GRN	78/01/21/120804
22D251/269	RED	78/01/21/120936
22D252/269	SUN	78/01/21/121039
22D253/269	BLU	78/01/21/121132
22D254/269	GRN	78/01/21/114147

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22D255/269	RED	78/01/21/114252
21E000/269	BB4	78/01/21/114418
21E001/270	BB1	78/01/21/114542
22E002/270	BB1	78/01/21/114648
21E003/281	BB4	78/01/21/114807
22E004/281	BLU/T	78/01/21/114915
	GRN/T	78/01/21/115022
	RED/T	78/01/21/115325
22E005/281	BLU/T	78/01/21/115444
	GRN/T	78/01/21/115603
	RED/T	78/01/21/115733
22E006/281	SURV	78/01/21/115840
22E007/281	SUN	78/01/21/115941
21E008/281	BLU	78/01/21/120035
21E009/281	GRN	78/01/21/120134
21E010/281	RED	78/01/21/120413
22E011/281	BB4	78/01/21/120545
21E012/281	BB2	78/01/21/120655
22E013/281	SUN	78/01/21/120821
21E014/281	BB4	78/01/21/120959
22E015/281	BB4	78/01/21/121109
21E016/281	BLU	78/01/21/121205
21E017/281	GRN	78/01/21/121301
21E018/281	RED	78/01/21/180456
21E019/281	BB4	78/01/21/180549
21E020/282	BB1	78/01/21/180646

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22E021/282	BB1	78/01/21/180802
21E022/293	BLU/T	78/01/21/180849
	GRN/T	78/01/21/180944
	RED/T	78/01/21/181031
22E023/293	BB4	78/01/21/181145
21E024/293	BLU/T	78/01/21/181444
	GRN/T	78/01/21/181603
	RED/T	78/01/21/181707
21E025/293	UN07/C	78/01/21/181807
21E026/293	SUN	78/01/21/181921
22E027/293	BB4	78/01/21/182034
22E028/293	UN15/C	78/01/21/182129
21E029/293	BB1	78/01/21/182232
22E030/293	SURV	78/01/21/182533
22E031/293	BB4	78/01/21/182657
21E032/293	BB4	78/01/21/181102
22E033/293	BLU	78/01/21/181211
22E034/293	GRN	78/01/21/181312
22E035/293	RED	78/01/21/181402
22E036/293	SUN	78/01/21/181517
22E037/293	BLU	78/01/21/181650
22E038/293	GRN	78/01/21/181758
22E039/293	RED	78/01/21/181915
21E040/293	BB4	78/01/21/182322
21E041/294	BB1	78/01/21/182424
22E042/294	BB1	78/01/21/182534

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21E043/305	IR1/T	78/01/21/182942
	IR2/T	78/01/21/182825
	IR3/T	78/01/21/182653
22E044/305	BLU/T	78/01/21/183049
	GRN/T	78/01/21/183210
	RED/T	78/01/21/183555
22E045/305	BLU/T	78/01/21/183655
	GRN/T	78/01/21/183755
	RED/T	78/01/21/183915
22E046/305	SURV	78/01/21/184115
22E047/305	SUN	78/01/21/184213
21E048/305	BLU	78/01/21/184308
21E049/305	GRN	78/01/21/184442
21E050/305	RED	78/01/21/184542
22E051/305	BB4	78/01/21/184657
21E052/305	BB2	78/01/21/184853
22E053/305	SUN	78/01/21/185002
21E054/305	BB4	78/01/21/185116
22E055/305	BB4	78/01/21/185222
21E056/305	BLU	78/01/21/185350
21E057/305	GRN	78/01/21/185517
21E058/305	RED	78/01/21/185824
21E059/305	BB4	78/01/21/185959
21E060/306	BB1	78/01/21/190118
22E061/306	BB1	78/01/21/190225
21E062/317	BLU/T	78/01/21/190327
	GRN/T	78/01/21/190421
	RED/T	78/01/21/190514
22E063/317	IR1/T	78/01/21/191120
	IR2/T	78/01/21/190956
	IR3/T	78/01/21/190610
21E064/317	BLU/T	78/01/21/191228
	GRN/T	78/01/21/191332
	RED/T	78/01/21/191509
21E065/317	UN07/C	78/01/21/191613
21E066/317	SUN	78/01/21/191712
22E067/317	BB4	78/01/21/191805
22E068/317	UN15/C	78/01/21/185240
21E069/317	BB1	78/01/21/185343
22E070/317	SURV	78/01/21/185437
22E071/317	BB4	78/01/21/185543
21E072/317	BB4	78/01/21/185649
22E073/317	BLU	78/01/21/185824
22E074/317	GRN	78/01/21/190012
22E075/317	RED	78/01/21/190145
22E076/317	SUN	78/01/21/190852
22E077/317	BLU	78/01/21/191000
22E078/317	GRN	78/01/21/191118
22E079/317	RED	78/01/21/191224
21E080/317	BB4	78/01/21/191340
21E081/318	BB1	78/01/21/191507
22E082/318	BB1	78/01/21/191616
21E083/329	IR1/T	78/01/21/192052
	IR2/T	78/01/21/192010
	IR3/T	78/01/21/191720
22E084/329	BLU/T	78/01/21/192135
	GRN/T	78/01/21/192234
	RED/T	78/01/21/192356
22E085/329	BLU/T	78/01/21/192449
	GRN/T	78/01/21/192540
	RED/T	78/01/21/192637
22E086/329	SURV	78/02/04/095445
22E087/329	SUN	78/02/04/095549
22E088/329	BLU	78/02/04/095710
22E089/329	GRN	78/02/04/095820
22E090/329	RED	78/02/04/095925
22E091/329	BB4	78/02/04/100041
22E092/329	IR1/T	78/02/04/100615
	IR2/T	78/02/04/100257
	IR3/T	78/02/04/100158
22E093/329	SUN	78/02/04/100720
21E094/329	BB4	78/02/04/100837
22E095/329	BB4	78/02/04/100934
22E096/329	IR3	78/02/04/101051
22E097/329	IR2	78/02/04/101241
22E098/329	IR1	78/02/04/101404
21E099/329	BB4	78/02/04/101630
21E100/330	BB1	78/02/04/101938
22E101/330	BB1	78/02/04/102050
21E102/341	BLU/T	78/02/04/102205
	GRN/T	78/02/04/102333
	RED/T	78/02/04/102548
22E103/341	IR1/T	78/02/04/103103
	IR2/T	78/02/04/102850
21E103/341	IR3/T	78/02/04/102704
21E104/341	BLU/T	78/02/04/101004
	GRN/T	78/02/04/101121
	RED/T	78/02/04/101234
21E105/341	UN07/C	78/02/04/101353
21E106/341	SUN	78/02/04/101604
21E107/341	BLU/T	78/02/04/101709
	GRN/T	78/02/04/101827
	RED/T	78/02/04/101944
21E108/341	UN15/C	78/02/04/102257
21E109/341	IR1/T	78/02/04/102719
	IR2/T	78/02/04/102612
	IR3/T	78/02/04/102457
22E110/341	SURV	78/02/04/102857
22E111/341	BB4	78/02/04/103117
21E112/341	BB4	78/02/04/103233
21E113/341	BLU	78/02/04/103344
21E114/341	GRN	78/02/04/103654
21E115/341	RED	78/02/04/103805
22E116/341	SUN	78/02/04/103859
21E117/341	IR3	78/02/04/104000
21E118/341	IR2	78/02/04/104147
21E119/341	IR1	78/02/04/104239
21E120/341	BB4	78/02/04/104335
21E121/342	BB1	78/02/04/104432
22E122/342	BB1	78/03/22/232115
21E123/353	IR1/T	78/03/22/232522
	IR2/T	78/03/22/232352

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21E123/353	IR3/T	78/03/22/232236
22E124/353	BLU/T	78/03/22/232639
	GRN/T	78/03/22/232811
	RED/T	78/03/22/232901
22E125/353	BLU/T	78/03/22/233010
	GRN/T	78/03/22/233409
	RED/T	78/03/22/233504
22E126/353	SURV	78/03/22/233555
22E127/353	SUN	78/03/22/233654
22E128/353	BLU	78/03/22/233825
22E129/353	GRN	78/03/22/234032
22E130/353	RED	78/03/22/234130
22E131/353	BB4	78/03/22/234224
22E132/353	IR1/T	78/03/22/234743
	IR2/T	78/03/22/234642
	IR3/T	78/03/22/234536
22E133/353	SUN	78/03/22/234852
21E134/353	BB4	78/03/22/235106
22E135/353	BB4	78/03/22/235154
22E136/353	IR3	78/03/22/235242
22E137/353	IR2	78/03/22/235338
22E138/353	IR1	78/03/22/235731
21E139/353	BB4	78/03/22/235905
21E140/354	BB1	78/03/22/235950
22E141/354	BB1	*78/03/23/000046
21E142/365	BLU/T	78/03/23/000147
	GRN/T	78/03/23/000239
	RED/T	78/03/23/000326
22E143/365	IR1/T	78/02/27/194720
	IR2/T	78/02/27/194413
	IR3/T	78/03/23/000422
21E144/365	BLU/T	78/02/27/194838
	GRN/T	78/02/27/194924
	RED/T	78/02/27/195018
21E145/365	UN07/C	78/02/27/195119
21E146/365	SUN	78/02/27/195250
21E147/365	BLU/T	78/02/27/195349
	GRN/T	78/02/27/195938
	RED/T	78/02/27/200024
21E148/365	UN07/C	78/02/27/200434
21E149/365	IR1/T	78/02/27/200854
	IR2/T	78/02/27/200632
	IR3/T	78/02/27/200534
22E150/365	SURV	78/02/27/200953
22E151/365	BB4	78/02/27/201107
21E152/365	BB4	78/02/27/201602
21E153/365	BLU	78/02/27/201704
21E154/365	GRN	78/02/27/201806
21E155/365	RED	78/02/27/202311
22E156/365	SUN	78/02/27/202444
21E157/365	IR3	78/02/27/202600
21E158/365	IR2	78/02/27/202708
21E159/365	IR1	78/02/27/202809
21E160/365	BB4	78/03/02/185808
21E161/366	BB1	78/03/02/185857
22E162/366	BB1	78/03/02/185939
21E163/377	IR1/T	78/03/02/190304
	IR2/T	78/03/02/190220
	IR3/T	78/03/02/190107
22E164/377	BLU/T	78/03/02/190420
	GRN/T	78/03/02/190530
	RED/T	78/03/02/190812
21E165/377	BLU/T	78/03/02/190908
	GRN/T	78/03/02/191009
	RED/T	78/03/02/191111
21E166/377	BLU/T	78/03/02/191218
	GRN/T	78/03/02/191307
	RED/T	78/03/02/191348
21E167/377	BLU/T	78/03/02/191437
	GRN/T	78/03/02/191720
	RED/T	78/03/02/191839
22E168/377	SUN	78/03/02/191949
22E169/377	BLU/T	78/03/02/192104
	GRN/T	78/03/02/192223
	RED/T	78/03/02/192319
22E170/377	SUN	78/03/02/192401
21E171/377	BLU/T	78/03/02/192529
	GRN/T	78/03/02/190532
	RED/T	78/03/02/190622
22E172/377	BLU/T	78/03/02/190706
	GRN/T	78/03/02/190759
	RED/T	78/03/02/190900
21E173/377	BLU/T	78/03/02/191006
	GRN/T	78/03/02/191111
	RED/T	78/03/02/191219
22E174/378	SUN	78/03/02/191449
22E175/378	BB4	78/03/02/191548
		78/03/02/191622
22E176/378	SUN	78/03/02/191717
22E177/379	SUN	78/03/02/191836
21E178/379	BB1	78/03/02/191947
21E179/379	UN15/C	78/03/02/192106
22E180/379	BB1	78/03/02/192216
22E181/379	UN15/C	78/03/02/192512
22E182/379	SUN	78/03/02/192604
22E183/380	SUN	78/03/02/192718
22E184/380	SUN	78/03/02/192815
22E185/381	SUN	78/03/02/192905
22E186/381	SUN	78/03/02/193054
21E187/382	BLU/T	78/03/02/193145
	GRN/T	78/03/02/193226
	RED/T	78/02/27/205959
22E188/382	SUN	78/02/27/210053
21E189/382	BLU/T	78/02/27/210142
	GRN/T	78/02/27/210228
	RED/T	78/02/27/210411
22E190/382	SUN	78/02/27/210503
21E191/382	BLU/T	78/02/27/210605
	GRN/T	78/02/27/210726
	RED/T	78/02/27/211115
21E192/382	BLU/T	78/02/27/211216
	GRN/T	78/02/27/211330
	RED/T	78/02/27/211444
21E193/382	IR1/T	78/02/27/211804
	IR2/T	78/02/27/211638
	IR3/T	78/02/27/211531
21E194/382	BLU/T	78/02/27/211914
	GRN/T	78/02/27/212207
	RED/T	78/02/27/212303
21E195/382	BLU/T	78/02/27/212359

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21E195/382	GRN/T	78/02/27/212502
	RED/T	78/02/27/212625
21E196/382	BLU/T	78/02/27/212722
	GRN/T	78/02/27/212847
	RED/T	78/02/27/213001
22E197/384	SUN	78/02/27/210546
22E198/386	SUN	78/02/27/210630
21E199/386	BB1	78/02/27/210746
21E200/386	UN15/C	78/02/27/210846
22E201/386	BB1	78/02/27/210955
22E202/386	UN15/C	78/02/27/211055
22E203/387	SUN	78/02/27/211212
22E204/388	SUN	78/02/27/211321
21E205/388	SURV	78/02/27/211628
22E206/388	BB1	78/02/27/211747
22E207/388	BB2	78/02/27/211854
22E208/389	BLU/T	78/02/27/212006
	GRN/T	78/02/27/212105
	RED/T	78/02/27/212220
22E209/389	IR1/T	78/02/27/212739
	IR2/T	78/02/27/212445
	IR3/T	78/02/27/212326
22E210/389	SUN	78/02/27/212857
22E211/389	BLU/T	78/02/27/213003
	GRN/T	78/02/27/213106
	RED/T	78/02/27/213304
22E212/389	IR1/T	78/02/27/213618
	IR2/T	78/02/27/213526
	IR3/T	78/02/27/213434
22E213/389	SUN	78/03/05/135946
21E214/389	BLU/T	78/03/05/140127
	GRN/T	78/03/05/140310
	RED/T	78/03/05/140511
21E215/389	BLU/T	78/03/05/140715
	GRN/T	78/03/05/140907
	RED/T	78/03/05/141000
22E216/390	SUN	78/03/05/141055
22E217/390	BB3	*78/03/05/141419
22E218/391	BB3	*78/03/05/141636
22E219/392	SUN	78/03/05/141841
22E220/394	SUN	78/03/05/142041
22E221/395	BB3	78/03/05/142234
22E222/396	SUN	78/03/05/142332
22E223/396	BB3	*78/03/05/142429
21E224/396	IR1/T	78/03/05/143017
	IR2/T	78/03/05/142815
	IR3/T	78/03/05/142516
22E225/397	BB1	78/03/05/143239
22E226/397	SUN	78/03/05/143452
21E227/398	BB3	78/03/05/143741
		78/03/05/143933
21E228/399	BLU/T	*78/03/05/144031
	GRN/T	*78/03/05/144200
	RED/T	*78/03/03/033902
22E229/400	SUN	78/03/03/034002
22E230/400	BLU/T	78/03/03/034052
	GRN/T	78/03/03/034148
	RED/T	78/03/03/034240
21E231/401	BB1	78/03/03/034339
21E232/404	SUN	78/03/03/034434
22E233/405	BB3	78/03/03/034708
		78/03/03/034743
22E234/405	SUN	78/03/03/034838
22E235/405	SUN	78/03/03/034925
21E236/405	BB2	78/03/03/035026
21E237/405	BB2	78/03/03/035116
22E238/405	SUN	78/03/03/035210
21E239/405	SUN	78/03/03/035301
21E240/405	SUN	78/03/03/035537
21E241/405	SUN	78/03/03/035807
22E242/406	SUN	78/03/03/035914
22E243/406	SUN	78/03/03/040023
22E244/406	SUN	78/03/03/040116
22E245/406	SUN	78/03/03/040208
22E246/406	BLU/T	78/03/03/040317
	GRN/T	78/03/03/040436
	RED/T	78/03/04/211630
22E247/406	BLU/T	78/03/04/211710
	GRN/T	78/03/04/211752
	RED/T	78/03/04/211840
22E248/406	IR1/T	78/03/04/212122
	IR2/T	78/03/04/212020
	IR3/T	78/03/04/211936
22E249/406	IR1/T	78/03/04/212534
	IR2/T	78/03/04/212439
	IR3/T	78/03/04/212208
22E250/406	BLU/T	78/03/04/212629
	GRN/T	78/03/04/212716
	RED/T	78/03/04/212805
22E251/406	BB3	78/03/04/212857
22E252/406	SUN	78/03/04/212941
21E253/406	BB2	78/03/04/213026
22E254/406	SUN	78/03/04/213247
22E255/407	SUN	78/03/04/213333
22F000/408	BB1	78/03/04/213432
21F001/408	BB1	78/03/04/213520
21F002/408	UN15/C	78/03/04/213623
22F003/408	BB1	78/03/04/213707
22F004/408	UN07/C	78/03/04/213800
22F005/408	BLU/T	78/03/04/213841
	GRN/T	78/03/04/214120
	RED/T	78/03/04/214210
22F006/408	BLU/T	78/03/04/214307
	GRN/T	78/03/04/214402
	RED/T	78/03/04/214450
22F007/408	BLU/T	78/03/04/214536
	GRN/T	78/03/04/214621
	RED/T	78/03/04/214711
22F008/409	SUN	78/04/22/094244
21F009/409	BB3	78/04/22/094359
22F010/410	SUN	78/04/22/094508
22F011/410	BLU/T	78/04/22/094605
	GRN/T	78/04/22/094720
	RED/T	78/04/22/094826
22F012/410	IR1/T	78/04/22/095226
	IR2/T	78/04/22/094958
	IR3/T	78/04/22/094912
22F013/410	IR1/T	78/04/22/095619

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22F013/410	IR2/T	78/04/22/095448
	IR3/T	78/04/22/095319
22F014/410	BLU/T	78/04/22/095750
	GRN/T	78/04/22/095919
	RED/T	78/04/22/100051
22F015/410	BLU/T	78/04/22/100147
	GRN/T	78/04/22/100401
	RED/T	78/04/22/100459
22F016/411	SUN	78/04/22/100601
21F017/412	BB1	78/04/22/100814
		78/04/22/100921
		78/04/22/101028
		78/04/22/101118
22F018/413	SUN	78/04/22/101311
21F019/413	SUN	78/04/22/094241
22F020/414	SUN	78/04/22/094339
22F021/414	BB3	78/04/22/094503
		78/04/22/094552
21F022/414	BB3	78/04/22/094724
		78/04/22/094820
21F023/414	BB2	78/04/22/095119
		78/04/22/095153
		78/04/22/095239
21F024/414	BLU/T	78/04/22/095333
	GRN/T	78/04/22/095506
	RED/T	78/04/22/095631
21F025/414	IR1/T	78/04/22/100247
	IR2/T	78/04/22/095931
	IR3/T	78/04/22/095805
21F026/414	BLU/T	78/04/22/100329
	GRN/T	78/04/22/100428
	RED/T	78/04/22/100529
21F027/414	IR1/T	78/04/22/100931
	IR2/T	78/04/22/100810

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21F027/414	IR3/T	78/04/22/100636
22F028/414	BLU/T	78/04/22/101050
	GRN/T	78/04/22/110219
	RED/T	78/04/22/110314
22F029/414	IR1/T	78/04/22/110617
	IR2/T	78/04/22/110525
	IR3/T	78/04/22/110418
22F030/414	BLU/T	78/04/22/110738
	GRN/T	78/04/22/110833
	RED/T	78/04/22/110945
22F031/414	IR1/T	78/04/22/111459
	IR2/T	78/04/22/111326
	IR3/T	78/04/22/111219
21F032/414	BB3	78/04/22/111902
		78/04/22/112007
		78/04/22/112059
		78/04/22/112140
		78/04/22/112218
		78/04/22/112313
22F033/414	BB3	78/04/22/102256
		78/04/22/102352
		78/04/22/102810
		78/04/22/102928
		78/04/22/103021
		78/04/22/103125
22F034/414	BB1	78/04/22/103430
		78/04/22/103823
		78/04/22/103927
22F035/415	SUN	78/04/22/104022
21F036/415	BB1	78/04/22/104112
21F037/415	UN07/C	78/04/22/104202
22F038/415	BB1	78/04/22/104656
22F039/415	UN07/C	78/04/22/104818
21F040/415	BB1	78/04/22/105221
		78/04/22/105305

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22F041/416	SUN	78/04/22/105409
22F042/416	BLU	78/04/22/105505
22F043/416	BLU	78/04/22/105622
		78/04/22/105726
22F044/417	BB1	78/04/22/105821
22F045/417	SUN	78/04/22/105927
21F046/417	BB2	78/04/22/111615
22F047/417	BB3	78/04/22/111714
21F048/417	BB2	78/04/22/111807
22F049/417	BB3	78/04/22/111955
21F050/417	BB2	78/04/22/112103
21F051/417	BB4	78/04/24/200144
		78/04/24/200255
		78/04/24/200359
		78/04/24/200500
		78/04/24/200559
		78/04/24/200707
		78/04/24/200758
		78/04/24/200846
		78/04/24/200942
22F052/417	BB4	78/04/24/195006
		78/04/24/195102
		78/04/24/195216
		78/04/24/195310
		78/04/24/195402
		78/04/24/195458
		78/04/24/195536
22F053/417	BLU	78/04/22/113702
		78/04/22/113753
22F054/418	SUN	78/04/22/113846
22F055/419	SUN	78/04/22/113956
22F056/420	SUN	78/04/22/114218

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22F057/420	SUN	78/04/22/114312
22F058/420	SUN	78/04/22/114407
22F059/420	SUN	78/04/22/114457
22F060/420	SUN	78/04/22/115021
21F061/420	SUN	78/04/22/115140
21F062/420	SUN	78/04/22/115240
21F063/420	SUN	78/04/22/115332
21F064/421	SUN	78/04/22/115439
22F065/422	SUN	78/04/22/115533
22F066/423	SUN	78/04/22/115624
21F067/423	SUN	78/04/22/115718
22F068/426	IR1/T	78/04/22/120227
	IR2/T	78/04/22/120121
	IR3/T	78/04/22/120023
22F069/426	BLU/T	78/04/22/121015
	GRN/T	78/04/22/121113
	RED/T	78/04/22/121225
22F070/426	SUN	78/04/22/121310
22F071/426	IR1/T	78/04/22/115100
	IR2/T	78/04/22/114736
	IR3/T	78/04/22/121354
22F072/426	BLU/T	78/04/22/115203
	GRN/T	78/04/22/115303
	RED/T	78/04/22/115358
22F073/426	IR1/T	78/04/22/115658
	IR2/T	78/04/22/115600
	IR3/T	78/04/22/115501
22F074/426	BLU/T	78/04/22/120056
	GRN/T	78/04/22/120143
	RED/T	78/04/22/120943

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22F075/426	SUN	78/04/22/121055
22F076/426	IR1/T	78/04/22/121336
	IR2/T	78/04/22/121242
	IR3/T	78/04/22/121149
22F077/426	BLU/T	78/04/22/121424
	GRN/T	78/04/22/121843
	RED/T	78/04/22/121946
22F078/426	IR1/T	78/04/22/122615
	IR2/T	78/04/22/122453
	IR3/T	78/04/22/122046
22F079/426	BLU/T	78/04/22/122715
	GRN/T	78/04/22/123045
	RED/T	78/04/22/123142
22F080/426	BLU/T	78/04/22/122557
	GRN/T	78/04/22/122657
	RED/T	78/04/22/123009
22F081/426	IR1/T	78/04/22/123254
	IR2/T	78/04/22/123206
	IR3/T	78/04/22/123111
22F082/426	BLU/T	78/04/22/123338
	GRN/T	78/04/22/123440
	RED/T	78/04/22/123700
21F083/426	SUN	78/04/22/123805
21F084/426	SUN	78/04/22/123909
22F085/426	IR1/T	78/04/22/124234
	IR2/T	78/04/22/124117
	IR3/T	78/04/22/124018
22F086/426	BLU/T	78/04/22/124652
	GRN/T	78/04/22/124818
	RED/T	78/04/22/125447
22F087/427	BB2	78/04/22/125552
21F088/428	SUN	78/04/22/125700
21F089/429	BB1	78/04/22/130115
21F090/429	SUN	78/04/22/130247
22F091/431	SUN	78/04/22/130715
21F092/431	SUN	78/04/22/131124
22F093/432	SUN	78/04/22/131236
21F094/432	BLU	78/04/22/123824
22F095/433	SUN	78/04/22/123922
22F096/433	BLU	78/04/22/124041
21F097/433	BLU	78/04/22/124153
22F098/435	SUN	78/04/22/124256
22F099/437	SUN	78/04/22/124741
21F100/439	BB1	78/04/22/124847
21F101/439	BB1	78/04/22/124930
22F102/439	SUN	78/04/22/125448
22F103/439	BB1	78/04/22/125556
21F104/439	BB1	78/04/22/125657
21F105/439	UN15/C	78/04/22/130103
21F106/439	BB1	78/04/22/130156
21F107/439	BB1	*78/04/22/130256
21F108/440	BLU	78/04/22/131047
22F109/442	SUN	78/04/22/131221
21F110/442	BB2	78/04/22/131810
21F111/442	SUN	78/04/22/131921
21F112/442	SUN	78/04/22/132310
22F113/443	BB3	78/04/22/132448
21F114/443	BB2	78/04/22/132622
21F115/445	SUN	78/04/22/133020
22F116/446	BLU/T	78/04/22/133120
	GRN/T	78/04/22/133214
	RED/T	78/04/25/191758
22F117/446	BLU/T	78/04/25/191930
	GRN/T	78/04/25/192338
	RED/T	78/04/25/192432
22F118/446	BLU/T	78/04/25/192520
	GRN/T	78/04/25/192815
	RED/T	78/04/25/192912
22F119/446	SUN	78/04/25/193023
21F120/446	SUN	78/04/25/193317
22F121/446	SUN	78/04/25/193429
21F122/446	SUN	78/04/25/193539
22F123/446	SUN	78/04/25/193632
21F124/446	BB2	78/04/25/193723
22F125/446	BB2	78/04/25/193820
		78/04/25/193851
		78/04/25/193924
21F126/446	BB2	78/04/25/194307
21F127/446	SUN	78/04/25/194415
22F128/447	SUN	78/04/25/194509
21F129/447	BB1	78/04/25/194607
21F130/447	UN15/C	78/04/25/194706
22F131/447	BB1	78/04/25/194802
22F132/447	UN15/C	78/04/25/195053
21F133/447	SUN	78/04/25/195201
22F134/447	BB1	78/04/24/193917
		78/04/24/193956
		78/04/24/194043
		78/04/24/194117
22F135/448	SUN	78/04/24/194203
21F136/448	SUN	78/04/24/194302
22F137/449	SUN	78/04/24/194345
22F138/449	BLU/T	78/04/24/194427
	GRN/T	78/04/24/194703
	RED/T	78/04/24/194814
22F139/449	IR1/T	78/04/24/195117
	IR2/T	78/04/24/194954
	IR3/T	78/04/24/194857
22F140/449	BLU/T	78/04/24/195221
	GRN/T	78/04/24/195327
	RED/T	78/04/24/195432
22F141/449	IR1/T	78/04/24/200022
	IR2/T	78/04/24/195924
	IR3/T	78/04/24/195833
21F142/449	BLU/T	78/04/24/200117
	GRN/T	78/04/24/200236
	RED/T	78/04/24/200343
22F143/449	BLU/T	78/04/24/200506
	GRN/T	78/04/24/200712
	RED/T	78/04/26/034243
21F144/449	BLU/T	78/04/26/034333
	GRN/T	78/04/26/034435
	RED/T	78/04/26/034526
21F145/449	SUN	78/04/26/034612
21F146/450	BB1	78/04/26/034758
		78/04/26/034911
21F147/450	SUN	78/04/26/034957
22F148/451	SUN	78/04/26/035229

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22F149/451	BLU	78/04/26/035447
22F150/451	BLU	78/04/26/035550
		78/04/26/035631
21F151/451	SUN	78/04/26/035745
22F152/452	BB1	78/04/26/035853
		78/04/26/035927
22F153/452	SUN	78/04/26/040024
21F154/452	BB4	78/04/26/040333
22F155/453	SUN	78/04/26/040454
21F156/453	SURV	78/04/26/040607
21F157/453	SUN	78/04/26/040712
22F158/454	SUN	78/04/26/040803
21F159/454	BB1	78/04/26/214956
		78/04/26/215123
		78/04/26/215201
		78/04/26/215249
21F160/454	SUN	78/04/26/215436
22F161/455	SUN	78/04/26/215532
22F162/455	BB2	78/04/26/215631
22F163/455	BB1	78/04/26/215740
21F164/455	SUN	78/04/26/220043
22F165/458	SUN	78/04/26/220149
21F166/458	SUN	78/04/26/220246
22F167/461	SUN	78/04/26/220339
21F168/461	SUN	78/04/26/220433
22F169/463	SUN	78/04/26/220523

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21F170/463	SUN	78/04/26/220612
21F171/465	SUN	78/04/26/220658
22F172/466	SUN	78/04/26/221222
22F173/466	BLU/T	78/04/26/221307
	GRN/T	78/04/26/221356
	RED/T	78/04/26/221458
22F174/466	IR1/T	78/04/26/221727
	IR2/T	78/04/26/221644
	IR3/T	78/04/26/221553
22F175/466	BLU/T	78/04/26/221838
	GRN/T	78/04/26/222446
	RED/T	78/04/26/222552
22F176/466	BLU/T	78/04/26/222650
	GRN/T	78/04/26/222751
	RED/T	78/04/26/222855
21F177/466	SUN	78/04/26/222954
21F178/468	BB1	78/04/26/223044
22F179/468	SUN	78/04/26/223136
21F180/468	SUN	78/04/26/223400
22F181/471	SUN	78/04/26/223451
21F182/471	BB1	78/04/26/223559
21F183/471	BB1	78/04/26/223739
21F184/471	SUN	78/04/26/223821
22F185/473	SUN	78/04/26/223903
21F186/473	BB1	78/04/26/223957
21F187/473	SUN	78/04/26/224052
22F188/474	SUN	78/04/26/224320
22F189/474	BB3	78/04/26/224430

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22F190/476	BLU/T	78/04/26/224539
	GRN/T	78/04/26/224643
	RED/T	78/04/26/225526
22F191/476	BLU/T	78/04/26/225608
	GRN/T	78/04/26/225649
	RED/T	78/04/26/225756
22F192/476	BLU/T	78/04/26/232852
	GRN/T	78/04/26/232948
	RED/T	78/04/26/233046
22F193/476	SUN	78/04/26/233224
21F194/476	BB1	78/04/26/233428
21F195/476	SUN	78/04/26/233602
21F196/478	BB4	78/04/26/233709
21F197/478	BB1	78/04/26/233821
21F198/478	UN15/C	78/04/26/234132
22F199/478	BB1	78/04/26/234258
22F200/478	UN15/C	78/04/26/234401
22F201/479	SUN	78/04/26/234446
22F202/479	SUN	78/04/26/234541
22F203/479	SUN	78/04/26/234646
22F204/479	SUN	78/04/26/234753
22F205/479	SUN	78/04/26/234856
22F206/479	BB2	78/04/26/235221
22F207/479	BB1	78/04/26/235313
22F208/479	BB1	78/04/26/235404
21F209/479	BB2	78/04/26/235510
21F210/479	BB1	78/04/26/235712

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21F211/479	BB1	78/04/26/235827
22F212/479	BB3	78/04/26/235927
22F213/479	BB2	78/04/27/000031
21F214/479	SUN	78/04/26/233456
21F215/479	SUN	78/04/26/233620
21F216/479	SUN	78/04/26/233722
22F217/480	SUN	78/04/26/233829
21F218/480	BB2	78/04/26/233924
22F219/480	BB2	78/04/26/234015
21F220/480	BB1	78/04/26/234134
21F221/480	UN15/C	78/04/26/234259
22F222/480	BB1	78/04/26/234647
22F223/480	UN15/C	78/04/26/234800
21F224/480	SUN	78/04/26/234910
22F225/481	SUN	78/04/26/234957
22F226/481	BLU/T	78/04/26/235050
	GRN/T	78/04/26/235133
	RED/T	78/04/26/235233
22F227/481	IR1/T	78/04/26/235759
	IR2/T	78/04/26/235650
	IR3/T	78/04/26/235334
22F228/481	BLU	78/04/26/235852
22F229/481	RED	78/04/26/235949
22F230/481	GRN	78/04/27/000130
22F231/481	BLU/T	78/04/27/000234
	GRN/T	78/04/27/000331
	RED/T	78/04/27/000424

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22F232/481	BLU/T	78/04/27/001237
	GRN/T	78/04/27/001343
	RED/T	78/04/27/001457
21F233/481	SUN	78/04/27/001625
22F234/482	SUN	78/04/27/001735
22F235/482	SUN	78/04/27/001858
22F236/482	BB2	78/04/27/002043
21F237/482	BB2	78/04/27/002246
21F238/482	BB2	78/04/27/002624
21F239/482	SUN	78/04/27/002733
21F240/482	SUN	78/04/27/002830
21F241/483	BB1	78/04/27/002935
22F242/484	BB3	78/04/27/003135
		78/04/27/003243
21F243/484	BB3	78/04/27/003412
		78/04/27/003453
22F244/486	BLU/T	78/04/27/003840
	GRN/T	78/04/27/004006
	RED/T	78/04/27/004137
22F245/486	BLU/T	78/04/27/004241
	GRN/T	78/04/27/004359
	RED/T	78/04/27/004503
22F246/486	BLU/T	78/04/27/004820
	GRN/T	78/04/27/004916
	RED/T	78/04/27/001221
22F247/486	SUN	78/04/27/001332
21F248/486	BB2	78/04/27/001452
22F249/486	BB2	78/04/27/001625
21F250/486	SUN	78/04/27/001740

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21F251/486	BLU/T	78/04/27/001905
	GRN/T	78/04/27/002108
	RED/T	78/04/27/002244
21F252/486	BLU/T	78/04/27/002602
	GRN/T	78/04/27/002710
	RED/T	78/04/27/002806
21F253/486	BLU/T	78/04/27/002907
	GRN/T	78/04/27/003023
	RED/T	78/04/27/003152
22F254/487	BLU/T	78/04/27/003311
	GRN/T	78/04/27/003420
	RED/T	78/04/27/003804
22F255/487	BLU/T	78/04/27/003936
	GRN/T	78/04/27/004031
	RED/T	78/04/27/004149
22G000/487	BLU/T	78/04/27/004304
	GRN/T	78/04/27/004431
	RED/T	78/04/27/004529
22G001/487	SUN	78/04/27/004658
21G002/487	SUN	78/04/27/005836
22G003/488	BLU/T	78/04/27/005939
	GRN/T	78/04/27/010044
	RED/T	78/04/27/010144
22G004/488	BLU/T	78/04/27/010245
	GRN/T	78/04/27/010356
	RED/T	78/04/27/010503
22G005/488	BLU/T	78/04/27/010610
	GRN/T	78/04/27/011002
	RED/T	78/04/27/011123
22G006/488	SUN	78/04/27/011223
22G007/488	BLU/T	78/04/27/011321
	GRN/T	78/04/27/011509
	RED/T	78/04/27/011657
21G008/488	SUN	78/04/27/011840

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22G009/489	SUN	78/04/27/012032
22G010/489	BB1	78/04/27/012533
		78/04/27/012626
		78/04/27/012744
21G011/489	BB2	78/04/27/012917
		78/04/27/013017
		78/04/27/013100
22G012/491	BB4	78/04/27/013156
22G013/491	SUN	78/04/27/013254
22G014/491	BLU/T	78/04/27/184607
	GRN/T	78/04/27/184704
	RED/T	78/04/27/184822
21G015/491	SUN	78/04/27/184921
22G016/493	SUN	78/04/27/185030
22G017/493	SUN	78/04/27/185135
22G018/493	SUN	78/04/27/185241
22G019/493	SUN	78/04/27/185330
21G020/493	SUN	78/04/27/185637
21G021/493	SUN	78/04/27/185745
22G022/495	SUN	78/04/27/185854
21G023/495	SUN	78/04/27/185948
22G024/497	SUN	78/04/27/190041
21G025/497	SUN	78/04/27/190236
21G026/499	SUN	78/04/27/190407
22G027/500	SUN	78/04/27/190528
21G028/500	SUN	78/09/06/080438
21G029/501	BB1	78/09/06/080745

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21G030/501	UN15/C	78/09/06/080844
22G031/501	BB1	78/09/06/081050
22G032/501	UN15/C	78/09/06/081150
22G033/502	SUN	78/09/06/081252
22G034/502	BB1	78/09/06/081419
22G035/502	BB1	78/09/06/081513
22G036/502	BB1	78/04/27/013330
22G037/502	BB2	78/04/27/013432
22G038/502	BB1	78/04/27/013523
22G039/502	BB1	78/04/27/013612
21G040/502	BB3	78/04/27/013723
		78/04/27/013804
22G041/502	BB3	78/04/27/013905
22G042/502	BB1	78/04/27/014019
22G043/502	BB1	78/04/27/014239
21G044/502	SUN	78/04/27/014325
22G045/503	SUN	78/04/27/014440
21G046/503	BB3	78/04/27/014611
		78/04/27/014650
		78/04/27/014726
22G047/503	BB3	78/04/27/014812
22G048/503	BB3	78/04/27/015122
		78/04/27/015158
21G049/503	BB1	78/04/27/015258
22G050/506	SUN	78/04/27/015349
21G051/506	SUN	78/04/27/015444

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22G052/508	BB3	78/04/27/015609
		78/04/27/015654
21G053/508	BB3	78/07/01/114541
		78/07/01/114625
21G054/508	BB3	78/07/01/114740
		78/07/01/114823
		78/07/01/114911
22G055/509	SUN	78/07/01/115016
21G056/509	BB4	78/07/01/115103
21G057/509	BB4	78/07/01/115144
21G058/511	SUN	78/07/01/115429
22G059/512	SUN	78/07/01/115514
22G060/512	BLU/T*	78/07/01/115607
	GRN/T*	78/07/01/115703
	RED/T*	78/07/01/115802
21G061/512	BB2	78/07/01/115921
22G062/514	SUN	78/07/01/120021
21G063/514	SUN	78/07/01/120123
21G064/515	BB4	78/07/01/120525
		78/07/01/120625
21G065/515	SUN	78/07/01/120734
22G066/516	SUN	78/07/01/120837
21G067/517	BB4	78/07/01/121008
		78/07/01/121041
22G068/517	BB4	78/07/01/121509
		78/07/01/121550
21G069/517	BB4	78/07/01/121531
21G070/517	BB1	78/07/01/121632
22G071/517	BB4	78/07/01/121730
22G071/517	BB4	78/07/01/121813
22G072/517	BB3	78/07/01/121855
21G073/517	SUN	78/07/01/121939
22G074/518	SUN	78/07/01/122030
21G075/518	BB1	78/07/01/122137
22G076/518	BB3	78/07/01/122432
		78/07/01/122521
22G077/520	SUN	78/07/01/122611
21G078/520	BB4	78/07/01/122705
		78/07/01/122734
		78/07/01/122808
21G079/520	BB3	78/07/01/123112
		78/07/01/123201
		78/07/01/123251
		78/07/01/123338
21G080/520	SUN	78/07/01/123445
21G081/521	BB1	78/07/01/123533
22G082/521	UN07/C	78/07/01/123613
22G083/521	BB1	78/07/01/123713
22G084/521	UN07/C	78/07/01/121956
22G085/521	BB4	78/07/01/122106
		78/07/01/122151
		78/07/01/122223
22G086/522	SUN	78/07/01/122303
21G087/522	BB2	78/07/01/122343
22G088/522	BB4	78/07/01/122501
		78/07/01/122540
21G089/522	BB3	78/07/01/122829
21G090/522	SUN	78/07/01/122911
22G091/523	SUN	78/07/01/122951
21G092/523	BB4	78/07/01/123106
		78/07/01/123153
		78/07/01/123240
		78/07/01/123327
21G093/523	BB2	78/07/01/123421
21G094/523	BB4	78/07/01/123719
21G095/524	BB2	78/07/01/123858
21G096/524	BB3	78/07/01/124101
		78/07/01/124146
21G097/524	BB4	78/07/01/124343
22G098/524	BB4	78/07/01/124511
		78/07/01/124624
		78/07/01/124716
22G099/524	BB3	78/07/01/124343
		78/07/01/124436
21G100/524	BB3	78/07/01/124559
22G101/524	BB4	78/07/01/124719
		78/07/01/124753
21G102/524	BB4	78/07/01/124911
22G103/525	SUN	78/07/01/125003
21G104/525	BLU/T	78/07/01/125324
		78/07/01/125407
	GRN/T	78/07/01/125556
		78/07/01/125650
	RED/T	78/07/01/125825
		78/07/01/125923
22G105/525	BLU/T	78/07/01/130130
	GRN/T	78/07/01/130257
	RED/T	78/07/01/130603
21G106/525	SUN	78/07/01/130654
22G107/526	BLU/T	78/07/01/130800
	GRN/T	78/07/01/130916
	RED/T	78/07/01/131032
22G108/526	IR1/T	78/07/01/131407
	IR2/T	78/07/01/131307
	IR3/T	78/07/01/131142
22G109/526	BB2	78/07/01/114355
22G110/528	SUN	78/07/01/114434
21G111/528	SUN	78/07/01/114518
22G112/534	BB3	78/07/01/114626
21G113/536	BB2	78/07/01/114725
22G114/537	SUN	78/07/01/114825
22G115/537	BB3	78/07/01/114927
		78/07/01/115010
21G116/537	BB1	78/07/01/115247
21G117/537	UN07/C	78/07/01/115327
22G118/537	BB1	78/07/01/115408
22G119/537	UN07/C	78/07/01/115459
22G120/537	BLU/T	78/07/01/115557
	GRN/T	78/07/01/115657
	RED/T	78/07/01/115800
22G121/537	IR1/T	78/07/01/120256
	IR2/T	78/07/01/120214
	IR3/T	78/07/01/115921
21G122/537	BB3	78/07/01/120350
		78/07/01/120428
22G123/537	BB4	78/07/01/120625
21G124/537	SUN	78/07/01/120733
22G125/538	SUN	78/07/01/120849

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21G126/538	SUN	78/07/01/121005
21G127/540	BB2	78/07/01/085220
		78/07/01/085257
22G128/541	SUN	78/07/01/085337
21G129/541	SUN	78/07/01/085418
22G130/542	IR1/T	78/07/01/085621
	IR2/T	78/07/01/085539
	IR3/T	78/07/01/085459
22G131/542	BB4	78/07/01/090013
		78/07/01/090048
		78/07/01/090123
21G132/543	BB3	78/07/01/090607
		78/07/01/090713
21G133/543	BB2	78/07/01/090809
22G134/544	SUN	78/07/01/090921
21G135/544	SUN	78/07/01/091034
21G136/545	BB2	78/07/01/091812
22G137/545	BB4	78/07/01/091931
		78/07/01/092011
		78/07/01/092052
21G138/545	BB4	78/07/01/092218
		78/07/01/092318
		78/07/01/092413
21G139/546	BB3	78/07/01/092528
21G140/548	SUN	78/07/01/091723
22G141/549	SUN	78/07/01/091818
22G142/552	SUN	78/07/01/091933
21G143/552	SUN	78/07/01/092030
22G144/552	BLU/T	78/07/01/092128
	GRN/T	78/07/01/092251
22G144/552	RED/T	78/07/01/092406
22G145/553	SUN	78/07/01/092457
22G146/553	SURV	78/07/01/092808
		78/07/01/092858
		78/07/01/092946
		78/07/01/093017
21G147/553	BB1	78/07/01/093111
21G148/553	UN07/C	78/07/01/093220
22G149/553	BB1	78/07/01/093335
22G150/553	UN07/C	78/07/01/093428
22G151/553	BLU/T	78/07/01/093736
	GRN/T	78/07/01/093841
	RED/T	78/07/01/094001
22G152/553	BLU/T	78/07/01/094054
	GRN/T	78/07/01/094143
	RED/T	78/07/01/094239
21G153/553	BB1	78/09/03/053955
		78/09/03/054305
		78/09/03/054539
22G154/553	BB3	78/09/03/054743
		78/09/03/054829
21G155/553	BB2	78/09/03/054958
		78/09/03/055043
21G156/553	SUN	78/09/03/055154
22G157/554	BLU/T	78/09/03/055936
	GRN/T	78/09/03/060203
	RED/T	78/09/03/060334
22G158/554	IR1/T	78/09/03/060614
	IR2/T	78/09/03/060515
	IR3/T	78/09/03/060416
22G159/554	BB2	78/09/03/060707
22G160/555	SUN	78/09/03/060753
22G161/555	BB1	78/09/03/061050
22G162/555	BB1	78/09/03/061145
22G163/555	BB1	78/09/03/061233
22G164/555	BB1	78/09/03/061314
22G165/555	BB1	78/09/03/061354
22G166/555	BB1	78/09/03/061435
22G167/555	BB1	78/09/03/061531
21G168/555	BB2	78/09/03/061634
21G169/555	SUN	78/09/03/054751
22G170/556	BB2	78/09/03/054849
21G171/557	BB1	78/09/03/055002
21G172/557	UN07/C	78/09/03/055102
22G173/557	BB1	78/09/03/055207
22G174/557	UN07/C	78/09/03/055325
21G175/557	BB3	78/09/03/055837
22G176/557	BLU/T	78/09/03/060156
	GRN/T	78/09/03/060511
	RED/T	78/09/03/060620
21G177/557	BLU	78/09/03/060718
21G178/557	BLU	78/09/03/060825
		78/09/03/060856
22G179/557	BB2	78/09/03/061008
		78/09/03/061057
21G180/557	SUN	78/09/03/061155
21G181/557	BLU/T	78/09/03/061532
	GRN/T	78/09/03/061633
	RED/T	78/09/03/061722
21G182/557	BLU/T	78/09/03/061800
	GRN/T	78/09/03/061837
	RED/T	78/09/03/061915
21G183/557	BLU/T	78/09/03/062218
	GRN/T	78/09/03/062258
	RED/T	78/07/01/104645
21G184/557	BLU/T	78/07/01/104737
	GRN/T	78/07/01/104839
	RED/T	78/07/01/104932
21G185/557	BLU/T	78/07/01/105027
	GRN/T	78/07/01/105113
	RED/T	78/07/01/105153
22G186/558	SUN	78/07/01/105233
21G187/558	SUN	*78/07/01/105527
21G188/558	BB3	*78/07/01/105628
22G189/559	SUN	*78/07/01/105723
22G190/559	BLU/T	78/07/01/105821
	GRN/T	78/07/01/105919
	RED/T	78/07/01/110016
22G191/559	IR1/T	78/07/01/110502
	IR2/T	78/07/01/110212
	IR3/T	78/07/01/110117
22G192/559	BLU/T	78/07/01/110544
	GRN/T	78/07/01/110627
	RED/T	78/07/01/110727
22G193/559	IR1/T	78/07/01/110945
	IR2/T	78/07/01/110906
	IR3/T	78/07/01/110827
22G194/559	IR1/T	78/07/01/111313
	IR2/T	78/07/01/111226
	IR3/T	78/07/01/111024
22G195/559	BLU/T	78/07/01/111410
	GRN/T	78/07/01/111505
	RED/T	78/07/01/111603

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22G196/559	BLU/T	78/07/01/111656
	GRN/T	78/07/01/111744
	RED/T	78/07/01/111845
22G197/559	IR1/T	78/07/01/112310
	IR2/T	78/07/01/112231
	IR3/T	78/07/01/112148
21G198/559	BLU/T	78/07/01/112402
	GRN/T	78/07/01/112504
	RED/T	78/07/01/112606
21G199/559	IR1/T	78/07/01/113036
	IR2/T	78/07/01/112803
	IR3/T	78/07/01/112705
21G200/559	BB2	78/07/01/113117
22G201/559	BB2	78/07/01/113158
21G202/559	SUN	78/07/01/113251
21G203/559	BLU/T	78/07/01/113436
	GRN/T	78/07/01/113535
	RED/T	78/07/01/113650
21G204/559	IR1/T	78/07/01/111611
	IR2/T	78/07/01/111508
	IR3/T	78/07/01/113752
21G205/559	BLU/T	78/07/01/111710
	GRN/T	78/07/01/111805
	RED/T	78/07/01/111901
21G206/559	IR1/T	78/07/01/112128
	IR2/T	78/07/01/112024
	IR3/T	78/07/01/111944
21G207/559	BLU/T	78/07/01/112406
	GRN/T	78/07/01/112505
	RED/T	78/07/01/112603
21G208/559	IR1/T	78/07/01/112839
	IR2/T	78/07/01/112752
	IR3/T	78/07/01/112659
21G209/559	BLU/T	78/07/01/112918

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21G209/559	GRN/T	78/07/01/112958
	RED/T	78/07/01/113230
21G210/559	IR1/T	78/07/01/113527
	IR2/T	78/07/01/113432
	IR3/T	78/07/01/113316
21G211/560	BB2	78/07/01/113700
21G212/560	BB3	78/07/01/113808
21G213/560	BLU/T	*78/12/07/161605
	GRN/T	*78/12/07/161710
	RED/T	*78/12/07/161826
21G214/561	BB3	*78/12/07/161939
21G215/563	SUN	*78/12/07/162046
22G216/564	SUN	*78/12/07/162156
21G217/564	BB2	78/12/07/162316
21G218/567	SUN	78/12/07/162427
22G219/568	SUN	78/12/07/162707
21G220/571	SUN	78/12/07/162807
22G221/572	SUN	78/12/07/162909
21G222/573	BB3	78/12/07/163048
22G223/579	SUN	78/12/07/163151
22G224/579	SUN	78/12/07/163345
22G225/579	SUN	78/12/07/163545
22G226/579	SUN	78/12/07/163723
22G227/579	SUN	78/12/07/164140
21G228/579	SUN	78/12/07/164302
22G229/583	SUN	78/12/07/164457
21G230/583	BB3	78/12/07/164621

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21G231/583	BB3	78/12/07/164806
22G232/584	SUN	78/12/07/164948
21G233/584	SUN	78/12/07/165112
22G234/587	SUN	78/12/07/165259
22G235/589	BB4	78/12/05/165343
		78/12/05/165418
		78/12/05/165451
22G236/590	SUN	78/12/05/165534
22G237/590	BB3	78/12/05/165634
		78/12/05/165705
22G238/590	BB3	78/12/05/165809
		78/12/05/165843
21G239/590	SUN	78/12/05/170106
22G240/591	SUN	78/12/05/170158
21G241/591	SUN	78/12/05/170246
21G242/592	SUN	78/12/05/170333
21G243/592	BB3	78/12/05/170429
22G244/593	RED/T	*78/12/05/170639
22G245/593	BLU/T	*78/12/05/171014
	GRN/T	*78/12/05/171113
	RED/T	*78/12/05/171230
22G246/593	BLU/T	*78/12/05/171328
	GRN/T	*78/12/05/171452
	RED/T	*78/12/05/171604
22G247/593	BLU/T	*78/12/05/171717
	GRN/T	*78/12/05/171826
	RED/T	*79/01/07/185506
22G248/593	BLU/T	*79/01/07/185548
	GRN/T	*79/01/07/185630
	RED/T	*79/01/07/185744

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22G249/593	SUN	79/01/07/185845
21G250/593	BB3	79/01/07/185937
22G251/593	BLU/T	79/01/07/190055
	GRN/T	79/01/07/190150
	RED/T	79/01/07/190507
22G252/593	BLU/T	79/01/07/190551
	GRN/T	79/01/07/190640
	RED/T	79/01/07/190729
22G253/593	BB1	79/01/07/190849
22G254/593	RED/C	79/01/07/190948
22G255/593	BB1	*79/01/07/191105
22H000/593	BB1	79/01/07/191219
22H001/593	RED/C	79/01/07/191505
22H002/593	BLU/T	79/01/07/191603
	GRN/T	79/01/07/191710
	RED/T	79/01/07/191814
22H003/593	BLU/T	79/01/07/191930
	GRN/T	79/01/07/192042
	RED/T	79/01/07/192139
21H004/593	BLU	79/01/07/192235
21H005/593	BLU	79/01/07/192916
		79/01/07/192953
21H006/593	BB1	79/01/07/193046
21H007/593	BB4/C	79/01/07/193148
22H008/593	BB2	79/01/07/193240
21H009/593	BB2	79/01/07/193338
21H010/593	BB3	79/01/07/193500
21H011/593	SUN	79/01/07/193550

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22H012/594	SUN	79/01/07/194152
21H013/594	BB2	79/01/07/194234
22H014/594	BB2	79/01/07/194329
22H015/595	SUN	79/01/07/194414
22H016/595	BLU/T	79/01/07/194517
	GRN/T	79/01/07/194610
	RED/T	79/01/07/194655
22H017/595	IR1/T	79/01/07/195452
	IR2/T	79/01/07/195408
	IR3/T	79/01/07/194814
22H018/595	BB2	79/01/07/195533
22H019/595	BB1	79/01/07/195631
22H020/595	BB1	79/01/07/195725
22H021/595	BB2	79/01/07/195832
21H022/595	BB2	79/01/07/195918
22H023/595	BLU/T	79/01/07/195957
	GRN/T	78/12/05/192429
	RED/T	78/12/05/192554
22H024/595	IR1/T	78/12/05/193030
	IR2/T	78/12/05/192836
	IR3/T	78/12/05/192725
22H025/595	BB3	78/12/05/193214
		78/12/05/193258
22H026/595	BLU/T	78/12/05/193356
	GRN/T	78/12/05/193625
	RED/T	78/12/05/193717
22H027/595	IR1/T	78/12/05/194037
	IR2/T	78/12/05/193941
	IR3/T	78/12/05/193824
22H028/595	BB2	78/12/05/194139
22H029/595	BB3	78/12/05/194235
22H030/595	BB2	78/12/05/194351
22H031/595	BB2	78/12/05/194717
22H032/595	BB2	78/12/05/194811
22H033/595	BB2	78/12/05/194909
22H034/595	BB2	78/12/05/194949
22H035/595	SUN	78/12/05/195051
22H036/597	SUN	78/12/05/195222
22H037/597	BB2	78/12/05/195337
22H038/597	BB3	78/12/05/191635
		78/12/05/191719
22H039/597	BB2	78/12/05/191815
21H040/597	SUN	78/12/05/191934
21H041/598	BLU/T	78/12/05/192042
		78/12/05/192123
		78/12/05/192205
	GRN/T	78/12/05/192554
		78/12/05/192706
		78/12/05/192818
	RED/T	78/12/05/193026
		78/12/05/193129
		78/12/05/193240
22H042/600	SUN	78/12/05/193341
22H043/600	BB3	78/12/05/193443
22H044/601	SUN	78/12/05/193723
21H045/601	SUN	78/12/05/193820
22H046/604	BB3	78/12/05/193927
22H047/605	SUN	78/12/05/194014
21H048/605	SUN	78/12/05/194056
21H049/608	BB3	78/12/05/194153
21H050/608	SUN	78/12/05/194245
22H051/609	SUN	78/12/05/194355
22H052/612	BB3	79/01/07/203256
22H053/613	SUN	79/01/07/203405
21H054/613	SUN	79/01/07/203514
22H055/616	SUN	79/01/07/203624
22H056/616	BB3	79/01/07/203716
21H057/616	SUN	79/01/07/203806
22H058/619	SUN	79/01/07/203906
21H059/619	SUN	79/01/07/204012
21H060/620	BB3	79/01/07/204421
22H061/623	BB3	79/01/07/204521
21H062/623	SUN	79/01/07/204620
22H063/624	SUN	79/01/07/204719
22H064/625	SUN	79/01/07/204814
21H065/625	SUN	79/01/07/204907
22H066/626	BB3	79/01/07/205020
		79/01/07/205101
21H067/626	SUR/T	79/02/02/121515
		79/02/02/121626
		79/02/02/121733
22H068/627	SUN	79/02/02/121844
22H069/627	BB3	79/02/02/122011
21H070/628	SUR/T	79/02/02/122239
		79/02/02/122354
		79/02/02/122454
22H071/628	SUR/T	79/02/02/122809
		79/02/02/122917
		79/02/02/123028
22H072/629	SUN	79/02/02/123130
22H073/629	SUN	79/02/02/123246
22H074/629	SUN	79/02/02/123345
22H075/629	SUN	79/02/02/123452
21H076/629	BLU	79/02/02/123638
21H077/629	BLU	79/02/02/124024
		79/02/02/124125
22H078/629	IR1/T	79/02/02/124538
	IR2/T	79/02/02/124425
	IR3/T	79/02/02/124300
22H079/629	BLU/T	79/02/02/124651
	GRN/T	79/02/02/124815
	RED/T	79/02/02/125024
21H080/629	BB1	79/02/22/155101
21H081/629	UN15/C	79/02/22/155151
22H082/629	BB1	79/02/22/155236
22H083/629	UN15/C	79/02/22/155322
22H084/629	IR1/T	79/02/22/155612
	IR2/T	79/02/22/155516
	IR3/T	79/02/22/155416
22H085/629	BLU/T	79/02/22/155723
	GRN/T	79/02/02/122714
	RED/T	79/02/02/122827
22H086/629	BB3	79/02/02/122943
21H087/629	SUN	79/02/02/123047
21H088/629	SUN	79/02/02/123154

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22H089/630	BB1	79/02/02/123305
22H090/630	BB2	79/02/02/123409
21H091/630	SUR/T	79/02/02/123737
		79/02/02/123833
		79/02/02/123952
22H092/630	SUR/T	79/02/02/124239
		79/02/02/124403
		79/02/02/124503
22H093/631	BLU/T	79/02/02/124641
	GRN/T	79/02/02/124831
	RED/T	79/02/03/070203
22H094/631	SUN	79/02/03/070318
22H095/631	BB3	79/02/03/070419
		79/02/03/070450
21H096/631	BB3	79/02/03/070545
		79/02/03/070615
22H097/631	BB3	79/02/03/070713
		79/02/03/070743
22H098/631	BB3	79/02/03/071241
22H099/631	SUN	79/02/03/071320
21H100/632	SUR/T	79/02/03/071420
		79/02/03/071450
		79/02/03/071521
22H101/632	SUR/T	79/02/03/071621
		79/02/03/071652
		79/02/03/071723
22H102/634	SUN	79/02/03/071949
21H103/634	SUN	79/02/03/072029
21H104/639	BB3	79/02/03/072152
		79/02/03/072301
22H105/640	SUN	79/02/03/072426

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21H106/640	SUN	79/02/03/072643
22H107/646	SUN	79/02/03/072847
22H108/646	BB3	79/02/03/073102
21H109/646	SUN	79/02/03/055403
22H110/653	SUN	79/02/03/055453
21H111/653	SUN	79/02/03/055540
22H112/659	SUN	79/02/03/055631
22H113/659	BB3	79/02/03/055802
		79/02/03/055906
21H114/659	BB1	79/02/03/060009
21H115/659	IR2/C	79/02/03/060046
21H116/659	SUN	79/02/03/060320
21H117/664	SUR/T	79/02/03/060419
		79/02/03/060506
		79/02/03/060552
22H118/665	SUN	79/02/03/060650
21H119/665	SUN	79/02/03/060747
21H120/667	BLU	79/02/03/060849
21H121/667	BLU/T	79/02/03/060932
	GRN/T	79/02/03/061234
	RED/T	79/02/03/061334
21H122/667	BB2	79/02/03/061428
22H123/667	BB2	79/02/03/061522
21H124/667	BLU/T	79/02/03/061610
	GRN/T	79/02/03/061654
	RED/T	79/02/03/061739
21H125/667	BB3	79/02/03/055319
		79/02/03/055414

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21H126/667	BLU	79/02/03/055513
21H127/667	SUN	79/02/03/055614
22H128/668	SUN	79/02/03/055729
21H129/669	BB2	79/02/03/055855
21H130/669		79/02/03/060226
		79/02/03/060302
		79/02/03/060347
22H131/669	SUR/T	79/02/03/060514
		79/02/03/060602
		79/02/03/060647
22H132/671	SUN	79/02/03/060747
21H133/671	SUN	79/02/03/060849
21H134/676	BB3	79/02/03/061147
		79/02/03/061233
22H135/677	SUN	79/02/03/061334
21H136/677	SUN	79/02/03/061433
22H137/683	SUN	79/02/03/061530
21H138/683	BB3	79/02/03/061635
21H139/683	SUN	79/02/03/061727
22H140/690	SUN	79/02/03/061814
21H141/690	SUN	79/02/03/062146
22H142/696	SUN	79/02/03/062224
22H143/696	BB3	79/02/03/062316
		79/02/03/062345
22H144/696	BB1	79/02/03/062423
22H145/696	UN07/C	79/02/03/062517
21H146/696	SUN	79/02/03/062554

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22H147/701	SUR/T	79/03/07/221210
		79/03/07/221305
		79/03/07/221353
22H148/702	SUN	79/03/07/221514
21H149/702	SUN	79/03/07/221705
22H150/704	SUN	79/03/07/221816
21H151/704	BLU	79/03/07/221924
22H152/704	BLU/T	79/03/07/222010
	GRN/T	79/03/07/222306
	RED/T	79/03/07/222409
21H153/704	BB2	79/03/07/222512
22H154/704	BB2	79/03/07/222634
22H155/704	BLU/T	79/03/07/222755
	GRN/T	79/03/07/222920
	RED/T	79/03/07/223114
22H156/704	BB3	79/03/07/223732
		79/03/07/223818
21H157/704	BLU	79/03/07/223912
21H158/704	SUN	79/03/07/224009
21H159/706	BB3	79/03/07/224111
		79/03/07/224209
22H160/706	BLU/T	79/03/07/224303
	GRN/T	79/03/07/224406
	RED/T	79/03/28/001256
21H161/706	SUR/T	79/03/28/001415
		79/03/28/001523
		79/03/28/001601
22H162/706	SUR/T	79/03/28/001716
		79/03/28/001754
		79/03/28/001837
22H163/708	SUN	79/03/28/001939

CELABEL	DIODE2	IPLPICID
21H164/708	SUN	79/03/28/002320
21H165/713	BB3	79/03/28/002445
		79/03/28/002531
22H166/714	SUN	79/03/28/002635
21H167/714	SUN	79/03/28/002733
22H168/720	SUN	79/03/28/002837
22H169/720	BB3	79/03/28/002943
21H170/720	SUN	79/03/28/003052
22H171/727	SUN	79/03/28/003811
21H172/727	SUN	79/03/28/003946
22H173/733	SUN	79/03/28/004029
22H174/733	BB3	79/03/28/004121
		79/03/28/004155
21H175/733	BB1	79/03/28/004255
21H176/733	UN07/C	79/03/28/004400
21H177/733	SUN	79/03/28/004509
21H178/738	BB2	79/03/07/231959
		79/03/07/232029
22H179/738	SUR/T	79/03/07/232126
		79/03/07/232159
		79/03/07/232231
22H180/739	SUN	79/03/07/232313
21H181/739	SUN	79/03/07/232439
22H182/741	SUN	79/03/07/232547
21H183/741	BLU	79/03/07/232825
21H184/741	BLU/T	79/03/07/232914
	GRN/T	79/03/07/233032
	RED/T	79/03/07/233132
21H185/741	BB2	79/03/07/233224
22H186/741	BB2	79/03/07/233311
21H187/741	BLU/T	79/03/07/233415
	GRN/T	79/03/07/233527
	RED/T	79/03/07/233808
21H188/741	BB3	79/03/07/233909
		79/03/07/233943
21H189/741	BLU	79/03/07/234029
21H190/741	SUN	79/03/07/234112
22H191/743	BB4	79/03/12/220439
		79/03/12/220534
		79/03/12/220633
		79/03/12/220735
		79/03/12/220819
		79/03/12/220904
		79/03/12/220955
		79/03/12/221045
		79/03/12/221208
22H192/743	BB2	79/03/07/224850
		79/03/07/224941
		79/03/07/225028
		79/03/07/225105
21H193/743	SUR/T	79/03/07/225205
		79/03/07/225244
		79/03/07/225320
22H194/743	SUR/T	79/03/07/225550
		79/03/07/225621
		79/03/07/225652
22H195/745	SUN	79/03/07/225734
21H196/745	SUN	79/03/07/225817
21H197/750	BB3	79/03/07/225912
		79/03/07/225942
22H198/751	SUN	79/03/07/230025
21H199/751	SUN	79/03/05/214307
22H200/757	SUN	79/03/05/214433
21H201/757	BB3	79/03/05/214542
21H202/757	SUN	79/03/05/214643
22H203/764	SUN	79/03/05/214725
21H204/764	SUN	79/03/05/214817
22H205/770	SUN	79/03/05/214912
22H206/770	BB3	79/03/05/215241
		79/03/05/215322
22H207/770	BB1	79/03/05/215430
22H208/770	UN07/C	79/03/05/215534
21H209/770	SUN	79/03/05/215616
21H210/774	BLU/T	79/03/05/215657
	GRN/T	79/03/05/215741
	RED/T	79/03/05/215916
21H211/775	BB4	79/03/05/220544
		79/03/05/220648
		79/03/05/220735
		79/03/05/220842
21H212/775	SUR/T	79/03/05/221022
		79/03/05/221055
		79/03/05/221129
22H213/776	SUN	79/03/05/221217
21H214/776	SUN	79/03/05/214809
22H215/778	SUN	79/03/05/214907
22H216/778	BLU/T	79/03/05/215029
	GRN/T	79/03/05/215118
	RED/T	79/03/05/215200
21H217/778	BLU	79/03/05/215259
21H218/778	BB2	79/03/05/215402
22H219/778	BB2	79/03/05/215508
22H220/778	BLU/T	79/03/05/215758
	GRN/T	79/03/05/215940
	RED/T	79/03/05/220030
21H221/779	BLU	79/03/05/220112
22H222/779	BB3	79/03/05/220216
		79/03/05/220257
21H223/779	SUN	79/03/05/220337
21H224/779	BLU/T	79/03/05/220450
	GRN/T	79/03/05/220751
	RED/T	79/03/05/220856
21H225/780	BLU	79/03/06/003228
		79/03/06/003307
		79/03/06/003347
		79/03/06/003428
		79/03/06/003509
22H226/780	BB4	79/08/05/040608
21H227/780	BB4	79/08/05/040831
22H228/784	SUN	79/08/05/041237
22H229/784	SUN	79/08/05/041325
22H230/792	SUN	79/08/05/041415
22H231/792	SUN	79/08/05/041524
22H232/800	SUN	79/08/05/041702
22H233/800	SUN	79/08/05/041806
21H234/801	BB2	79/08/05/041854
21H235/808	SUN	79/08/05/041937
21H236/808	SUN	79/07/31/064041
22H237/808	SUN	79/07/31/064128

VL-2 IPL PICTURE IDENTIFIERS (EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22H238/808	SUN	79/07/31/064216
22H239/808	SUN	79/07/31/064306
22H240/808	SUN	79/07/31/064406
22H241/816	SUN	79/07/31/064522
22H242/816	SUN	79/07/31/064613
22H243/824	SUN	79/07/31/064702
22H244/824	SUN	79/07/31/065156
21H245/828	BLU/T	79/07/31/065253
	GRN/T	79/07/31/065347
	RED/T	79/07/31/065441
22H246/832	SUN	79/07/31/065544
22H247/832	SUN	79/07/31/065705
22H248/840	SUN	79/07/31/065818
22H249/840	SUN	79/07/31/065929
21H250/845	BB2	79/07/31/070231
22H251/848	SUN	79/07/31/070337
22H252/848	SUN	79/07/31/070435
21H253/853	RED	79/07/31/070524
22H254/856	SUN	79/07/31/070633
22H255/856	SUN	79/07/31/070724
22I000/864	SUN	79/07/31/070812
22I001/864	SUN	79/07/31/070903
22I002/871	BB4	79/08/05/040323
21I003/871	BB4	79/08/05/040544
21I004/871	BLU/T	79/08/05/040901

VL-2 IPL PICTURE IDENTIFIERS (EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21I004/871	GRN/T	79/08/05/040946
	RED/T	79/08/05/041031
21I005/871	BB1	79/08/05/041130
21I006/871	UN07/C	79/08/05/041218
22I007/872	BLU/T	79/08/05/041309
	GRN/T	79/08/05/041405
	RED/T	79/08/05/041517
22I008/872	IR1/T	79/08/03/000101
	IR2/T	79/08/03/000015
	IR3/T	79/08/02/235937
22I009/872	BLU/T	79/08/03/000140
	GRN/T	79/08/03/000226
	RED/T	79/08/03/000318
22I010/872	IR1/T	79/08/03/000648
	IR2/T	79/08/03/000440
	IR3/T	79/08/03/000356
22I011/872	SUN	79/08/03/000734
22I012/872	SUN	79/08/03/000845
21I013/872	BB4	79/08/03/001019
22I014/872	SUN	79/08/03/001209
22I015/872	SUN	79/08/03/001311
22I016/872	SUN	79/08/03/001427
22I017/872	SUN	79/08/03/001631
22I018/872	BLU/T	79/08/03/002003
	GRN/T	79/08/03/002056
	RED/T	79/08/03/002144
22I019/872	BLU/T	79/08/03/002233
	GRN/T	79/08/03/002344
	RED/T	79/08/03/002508
22I020/872	BB2	79/08/03/002631
22I021/872	BB4	79/08/03/002740

VL-2 IPL PICTURE IDENTIFIERS (EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22I022/872	BLU	79/08/03/003901
22I023/872	GRN	79/08/03/004035
22I024/872	RED	79/08/03/004202
22I025/872	BLU	79/08/03/004333
22I026/872	GRN	79/08/03/004453
22I027/872	RED	79/08/03/004558
22I028/872	BB4	79/08/03/004709
22I029/872	BB4	79/08/03/004802
21I030/872	BLU	79/08/03/005036
21I031/872	BLU	79/08/03/005136
22I032/872	SUN	79/08/03/005242
22I033/872	SUN	79/08/03/005348
21I034/872	BB4	79/08/03/005456
21I035/872	BB4	79/08/03/005552
22I036/872	BLU	79/08/03/005702
22I037/872	SUN	79/08/03/005902
22I038/872	SUN	79/08/03/010329
22I039/872	BLU	79/08/03/010420
22I040/872	GRN	79/08/03/010518
22I041/872	RED	79/08/03/010628
22I042/872	BLU	79/08/03/010825
22I043/872	GRN	79/08/03/010940
22I044/872	RED	79/08/03/011039
22I045/872	SUN	79/08/03/011152

VL-2 IPL PICTURE IDENTIFIERS (EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22I046/872	SUN	79/08/03/033323
21I047/872	BB2	79/08/03/033409
22I048/872	SUN	79/08/03/033448
22I049/872	SUN	79/08/03/033526
22I050/872	SUN	79/08/03/033604
22I051/872	SUN	79/08/03/034041
22I052/872	BB1	79/08/03/034138
22I053/872	UN07/C	79/08/03/034218
21I054/872	SUN	79/08/03/034823
21I055/872	SUN	79/08/03/034910
21I056/873	BLU/T	79/08/03/035242
		79/08/03/035324
		79/08/03/035406
	GRN/T	79/08/03/035652
		79/08/03/035740
		79/08/03/035826
	RED/T	79/08/03/040149
		79/08/03/040232
		79/08/03/040320
22I057/874	BLU/T	79/08/03/040359
	GRN/T	79/08/03/040438
	RED/T	79/08/03/040517
22I058/886	BLU/T	79/08/03/040614
	GRN/T	79/08/03/040704
	RED/T	79/08/04/044745
22I059/898	BLU/T	79/08/04/044851
	GRN/T	79/08/04/044946
	RED/T	79/08/04/045050
22I060/910	BLU/T	79/08/04/045158
	GRN/T	79/08/04/045301
	RED/T	79/08/04/045406
22I061/922	BLU/T	79/08/04/045538

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
22I061/922	GRN/T	79/08/04/050101
	RED/T	79/08/04/050210
22I062/934	BLU/T	79/08/04/050401
	GRN/T	79/08/04/050515
	RED/T	79/08/04/050803
22I063/946	BLU/T	79/08/04/050920
	GRN/T	79/08/04/051041
	RED/T	79/08/04/051137
22I064/955	BB2	79/08/04/051438
22I065/955	BB4	79/08/04/051536
22I066/955	BLU/T	79/08/04/051615
	GRN/T	79/08/04/051655
	RED/T	79/08/04/051749
22I067/955	BLU/T	79/08/04/051856
	GRN/T	79/08/04/051957
	RED/T	79/08/04/052333
21I068/955	BB4	79/08/03/035650
21I069/955	BB4	79/08/03/035809
21I070/955	BLU	79/08/03/035851
21I071/955	BLU	79/08/03/035931
22I072/955	BLU	79/08/03/040012
22I073/955	GRN	79/08/03/040052
22I074/955	RED	79/08/03/040153
22I075/955	BLU	79/08/03/040248
22I076/955	GRN	79/08/03/040541
22I077/955	RED	79/08/03/040643
21I078/955	BB2	79/08/03/040734
21I079/955	BB2	79/08/03/040817
21I080/955	BB1	79/08/03/040856

VL-2

IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
21I081/955	UN07/C	79/08/03/040935
21I082/955	BB1	79/08/03/041013
21I083/955	UN07/C	79/08/03/041052
21I084/957	BB2	79/08/03/041701
21I085/957	BB2	79/08/03/041742
21I086/958	BB1	79/08/03/041821
21I087/958	BB1	79/08/03/041907
21I088/959	BB2	79/09/09/183740
21I089/959	BB2	79/09/09/183834
21I090/959	BLU/T	79/08/04/034313
		79/08/04/034414
	GRN/T	79/08/04/035006
		79/08/04/035203
	RED/T	79/08/04/035311
		79/08/04/035343
21I091/959	BB3	79/08/04/035911
		79/08/04/040047
		79/08/04/040246
		79/08/04/040834
		79/08/04/041106
21I092/959	BB3	79/08/04/042038
		79/08/04/042145
		79/08/04/042600
		79/08/04/042747
		79/08/04/043248
21I093/960	BLU/T	79/08/04/043447
		79/08/04/043541
	GRN/T	79/08/04/034329
		79/08/04/034432
	RED/T	79/08/04/035034
		79/08/04/035220
22I094/960	BB4	79/08/04/035904
		79/08/04/040038
		79/08/04/040221

VL-2

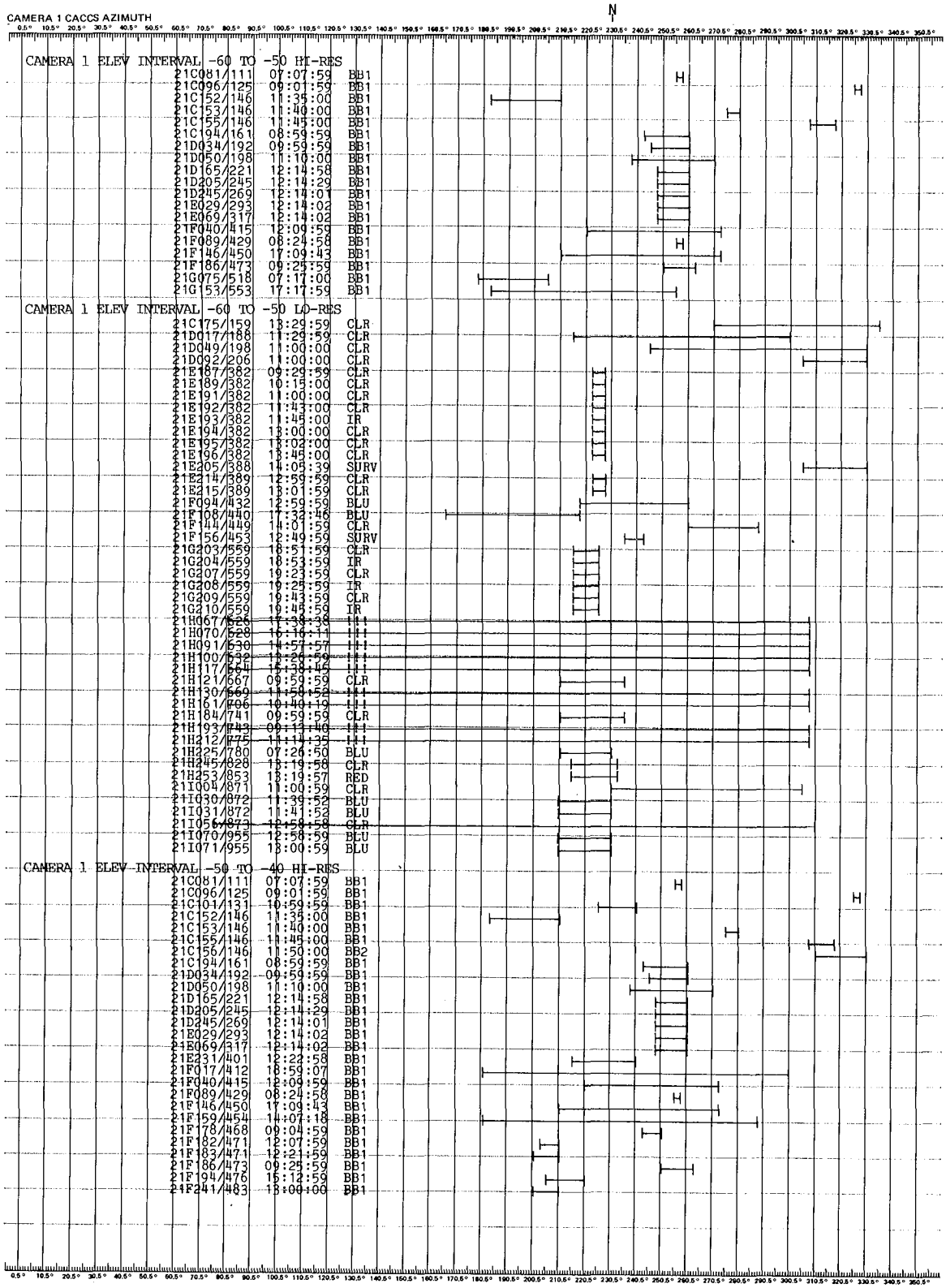
IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
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		79/08/04/041018
22I095/960	BB4	79/08/04/042039
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		79/08/04/042605
		79/08/04/042750
		79/08/04/042857

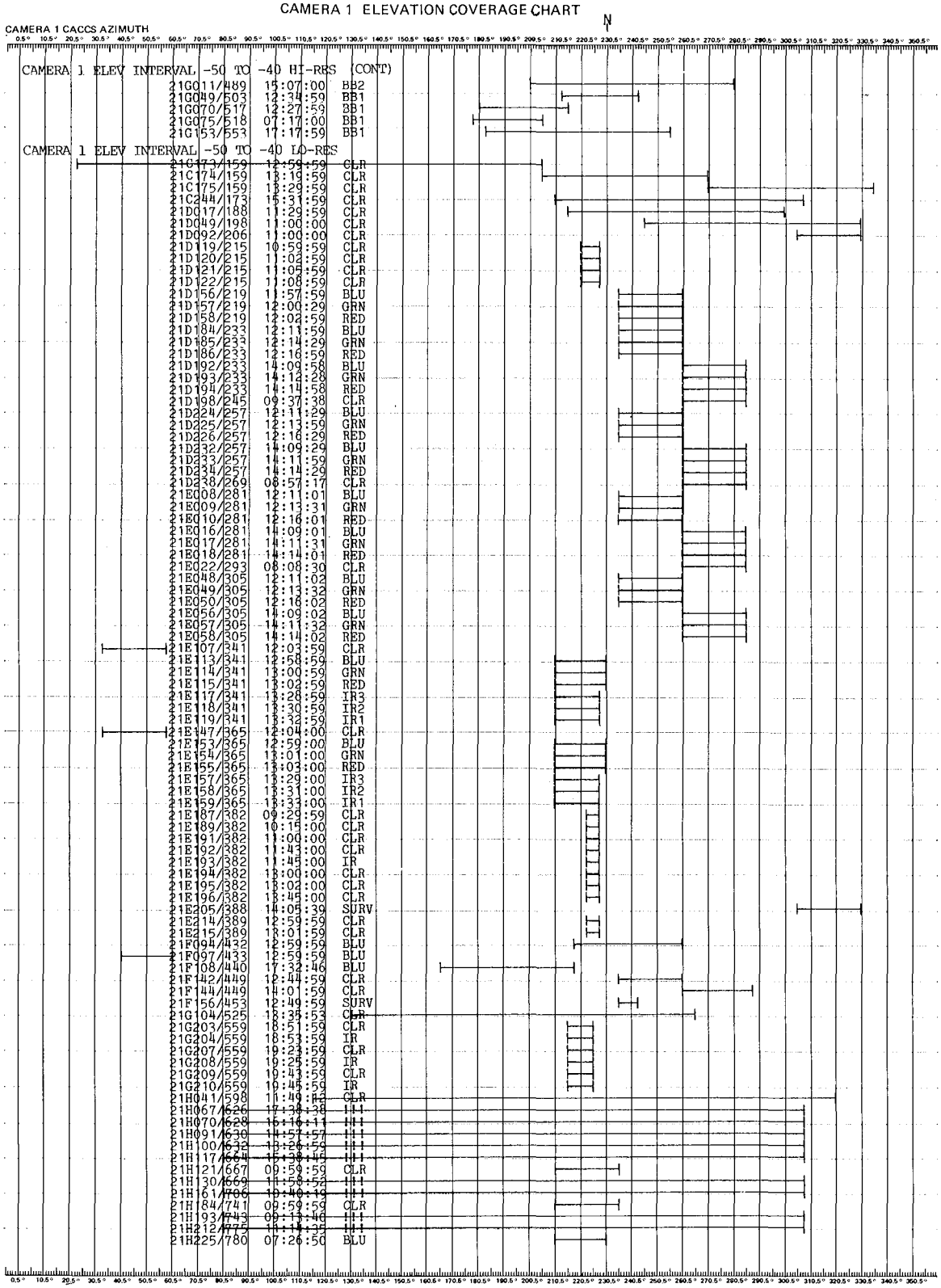
ELEVATION COVERAGE CHARTS

VL-2 Elevation Coverage Charts



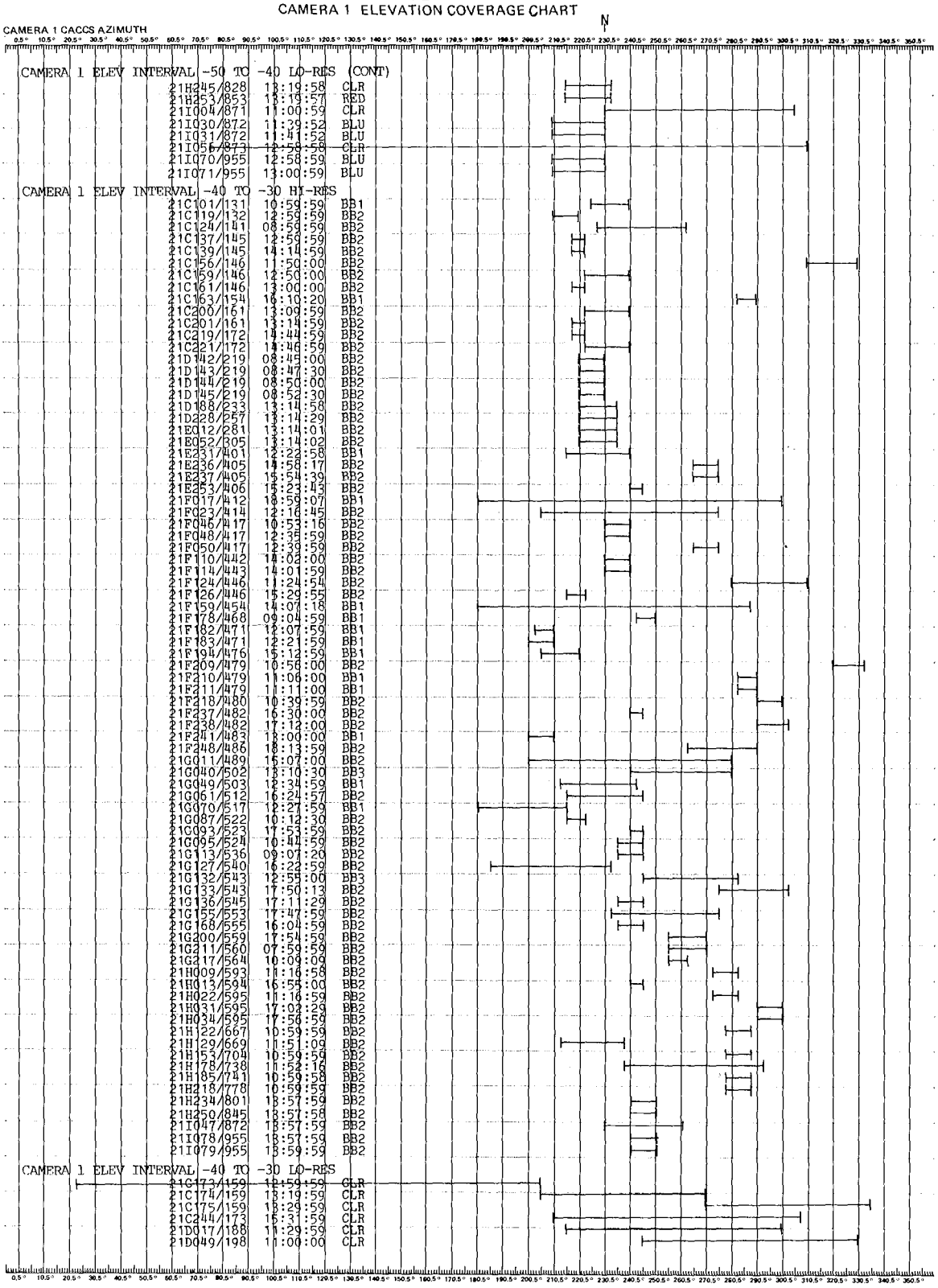
VL-2

CAMERA 1 ELEVATION COVERAGE CHART



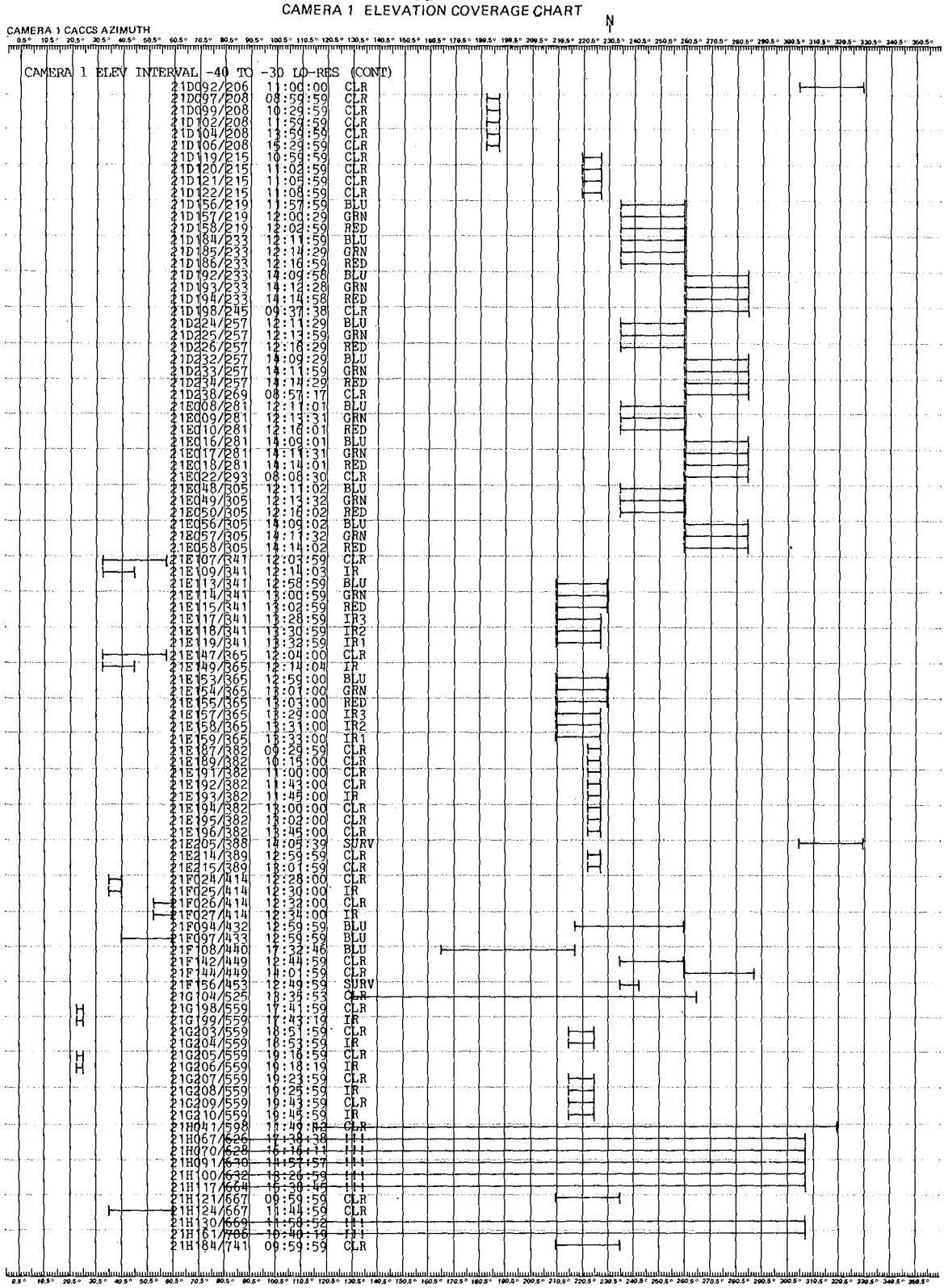
VL-2

CAMERA 1 ELEVATION COVERAGE CHART



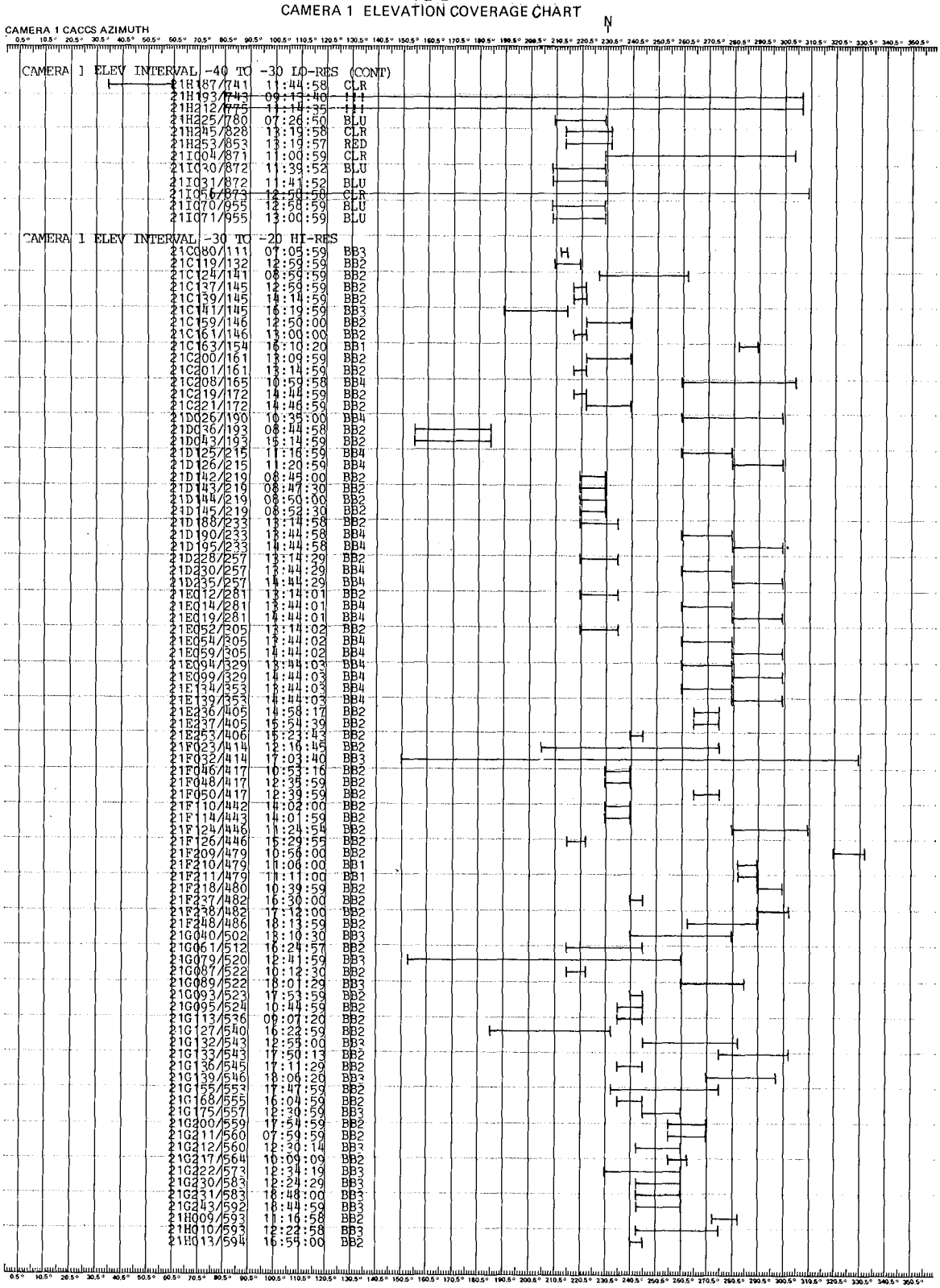
VL-2

CAMERA 1 ELEVATION COVERAGE CHART



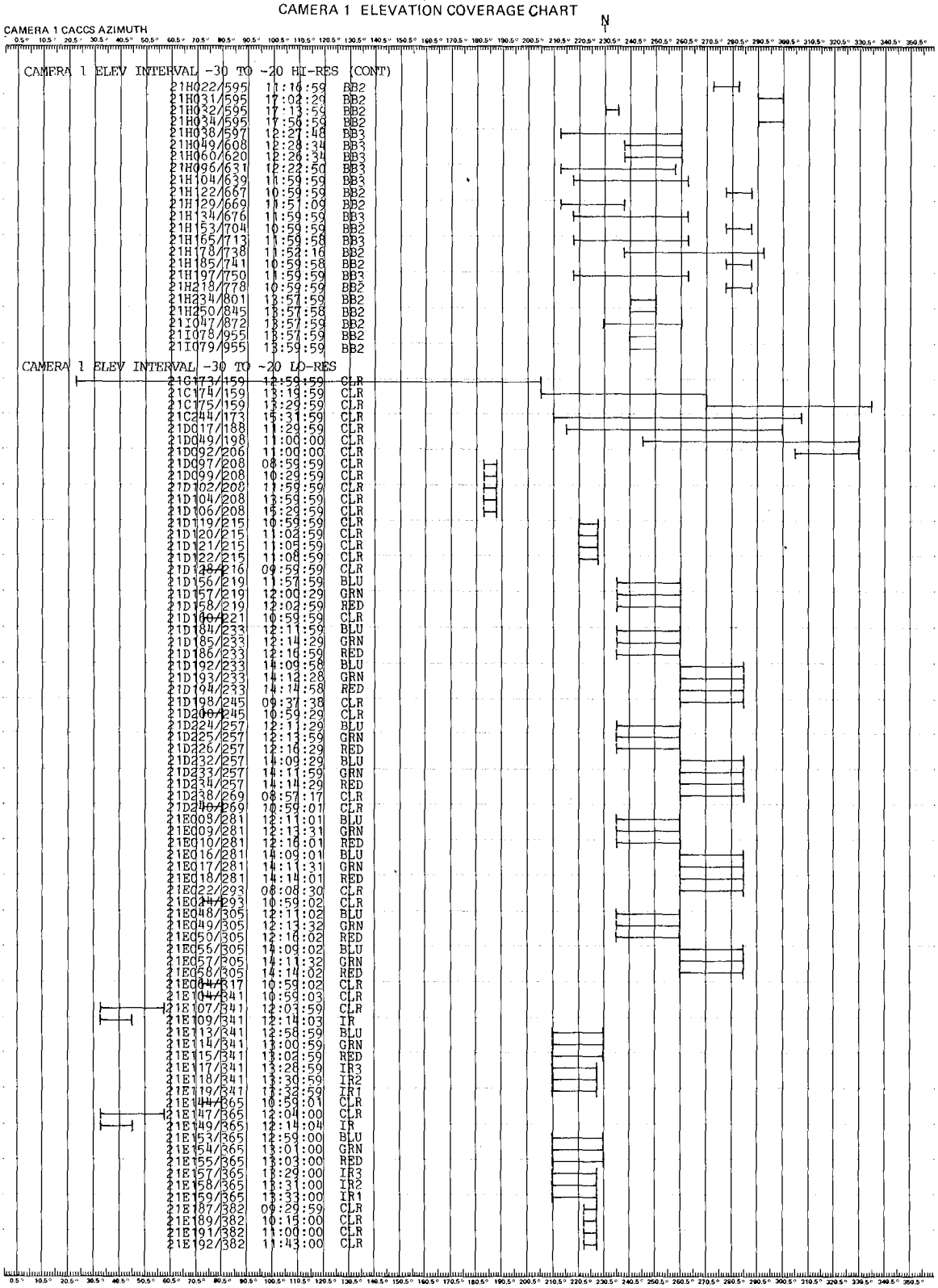
VL-2

CAMERA 1 ELEVATION COVERAGE CHART



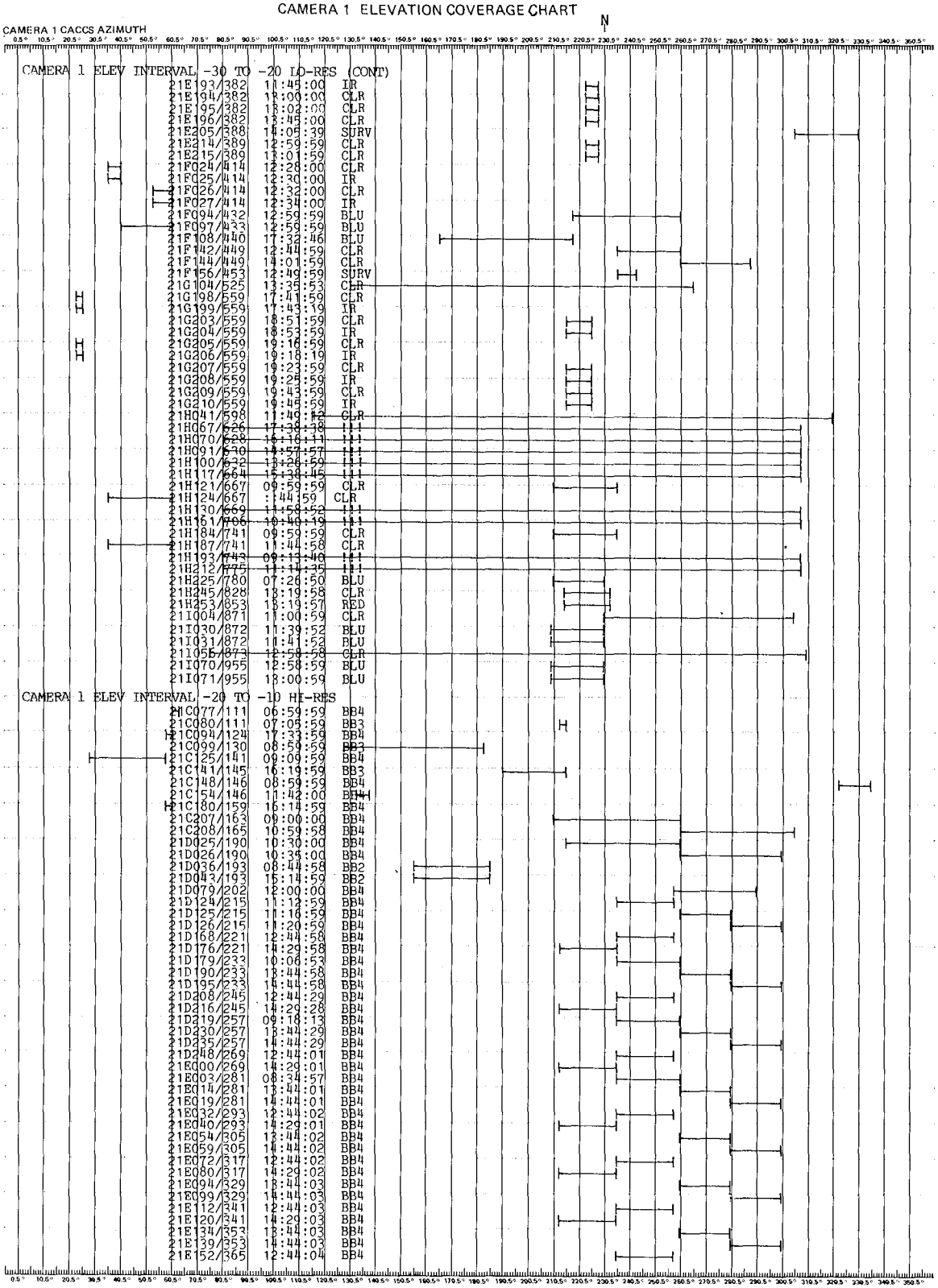
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CAMERA 1 ELEVATION COVERAGE CHART



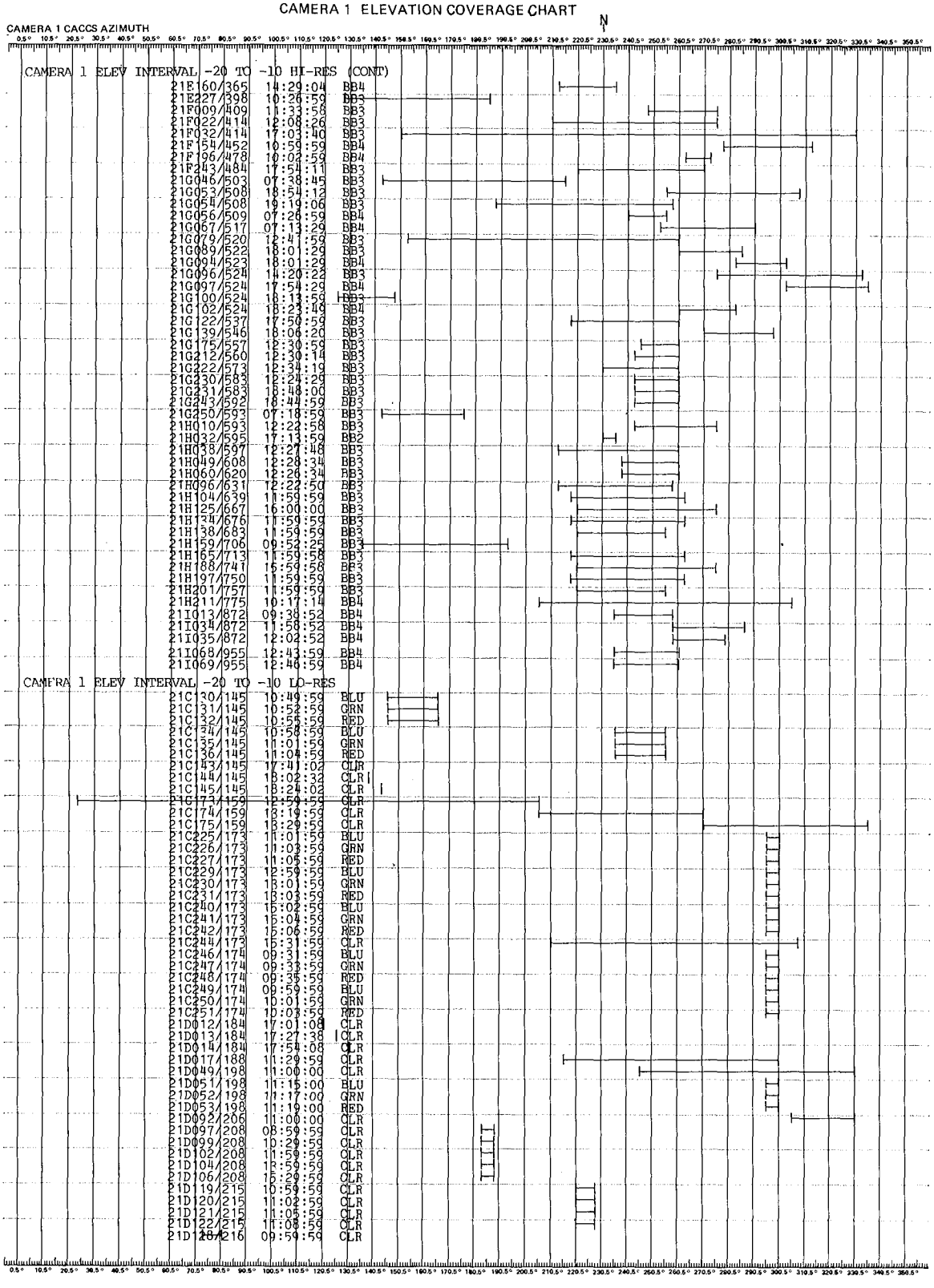
VL-2

CAMERA 1 ELEVATION COVERAGE CHART



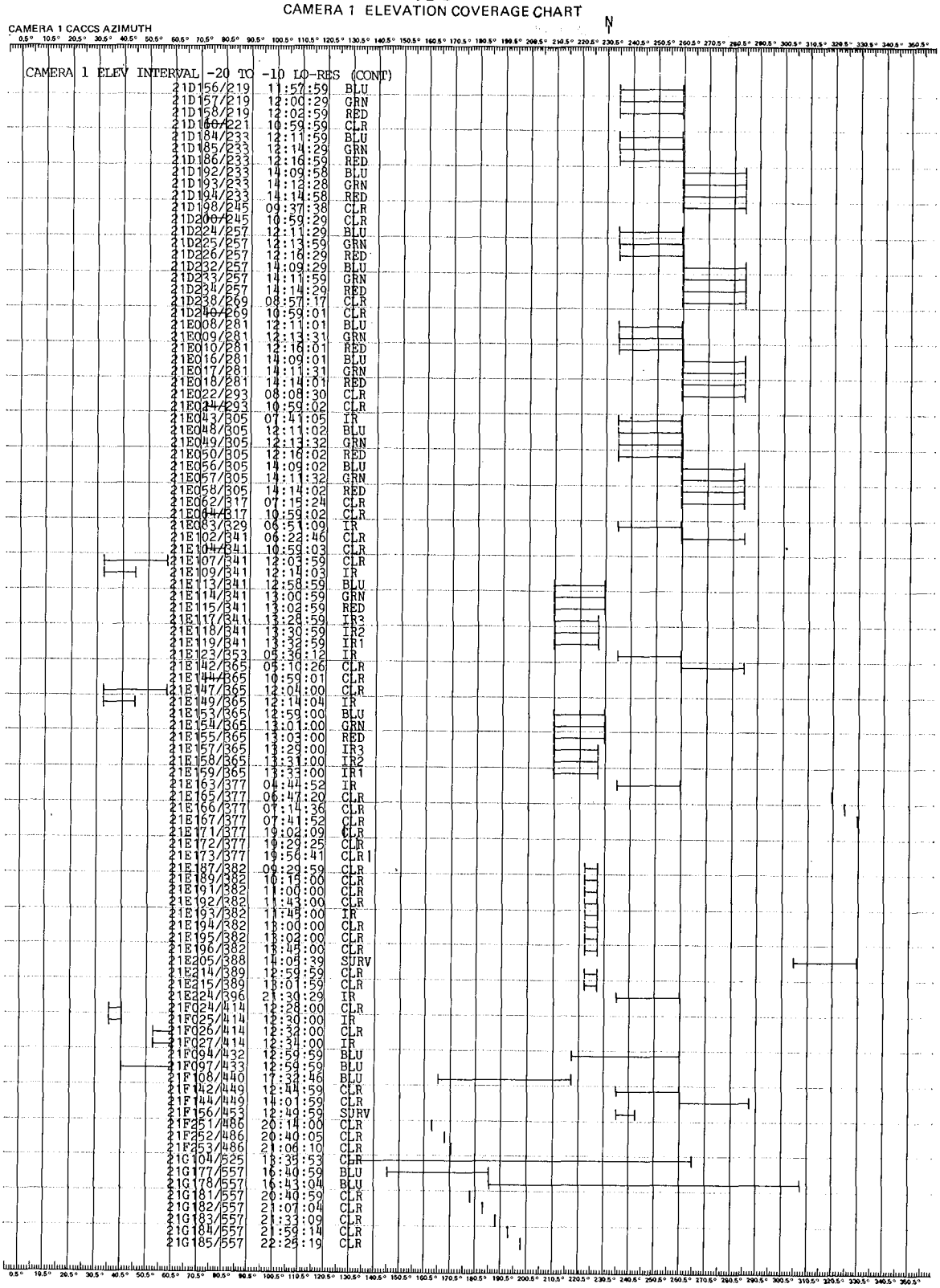
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CAMERA 1 ELEVATION COVERAGE CHART



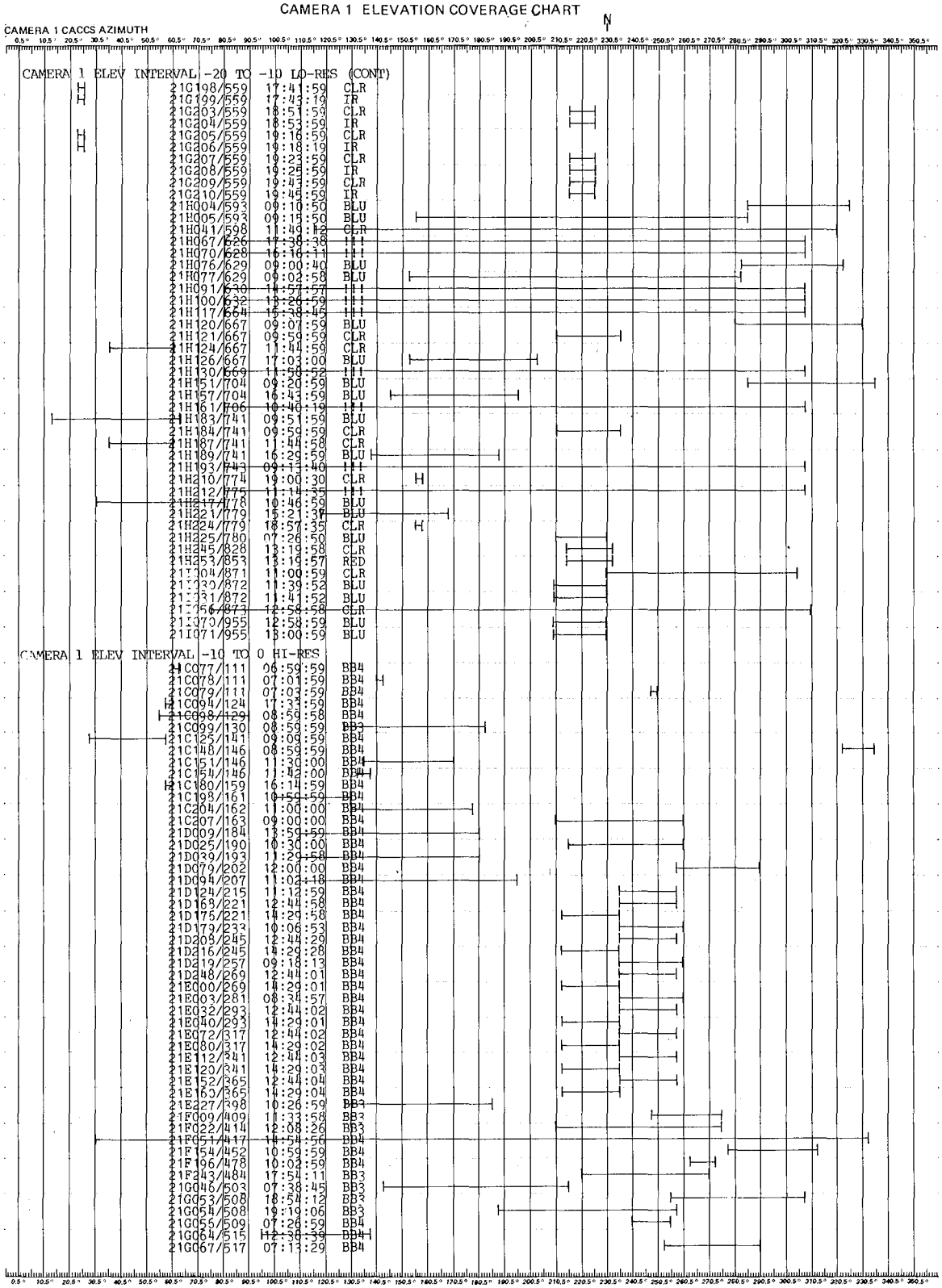
VL-2

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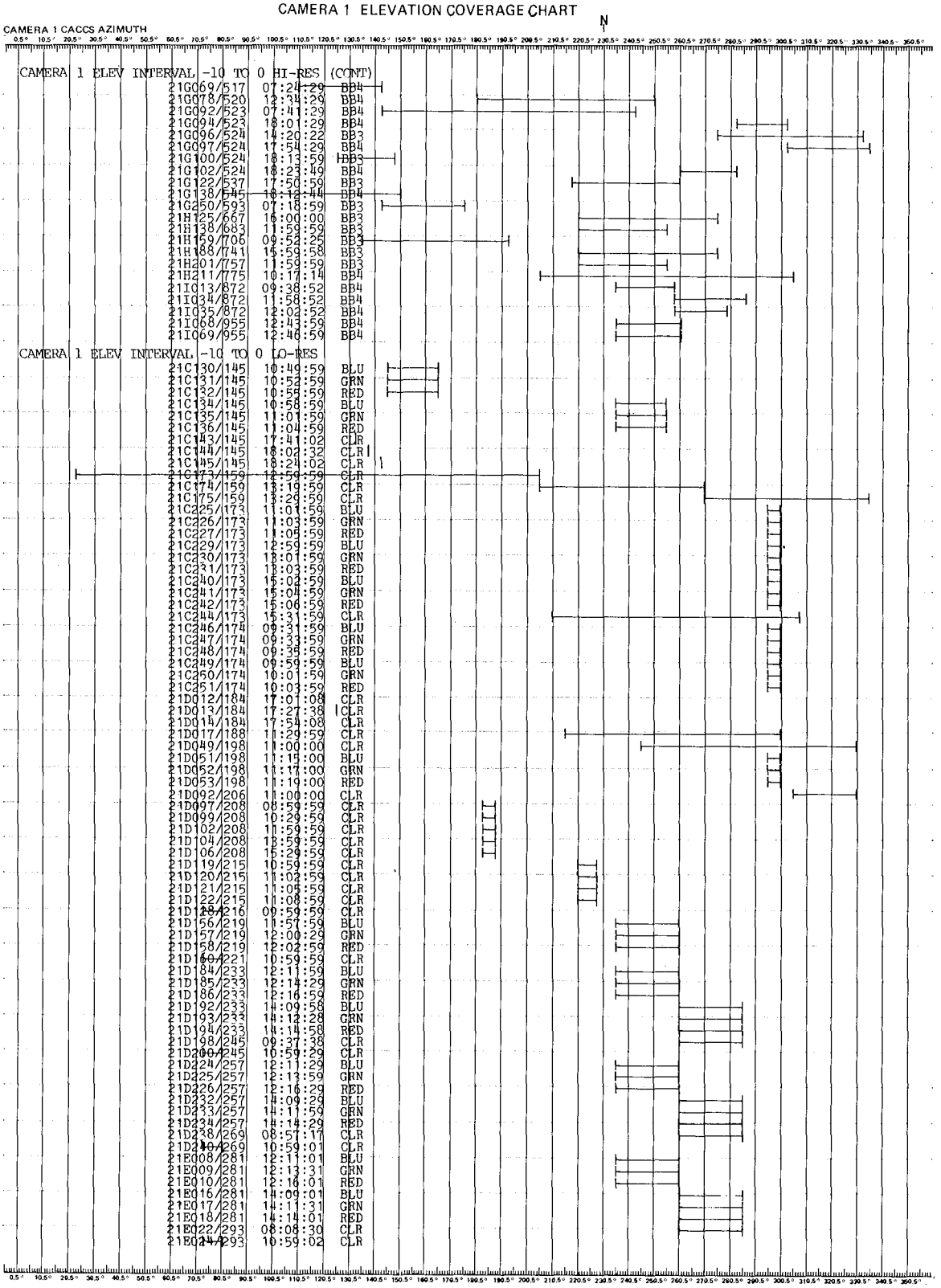


VL-2

CAMERA 1 ELEVATION COVERAGE CHART

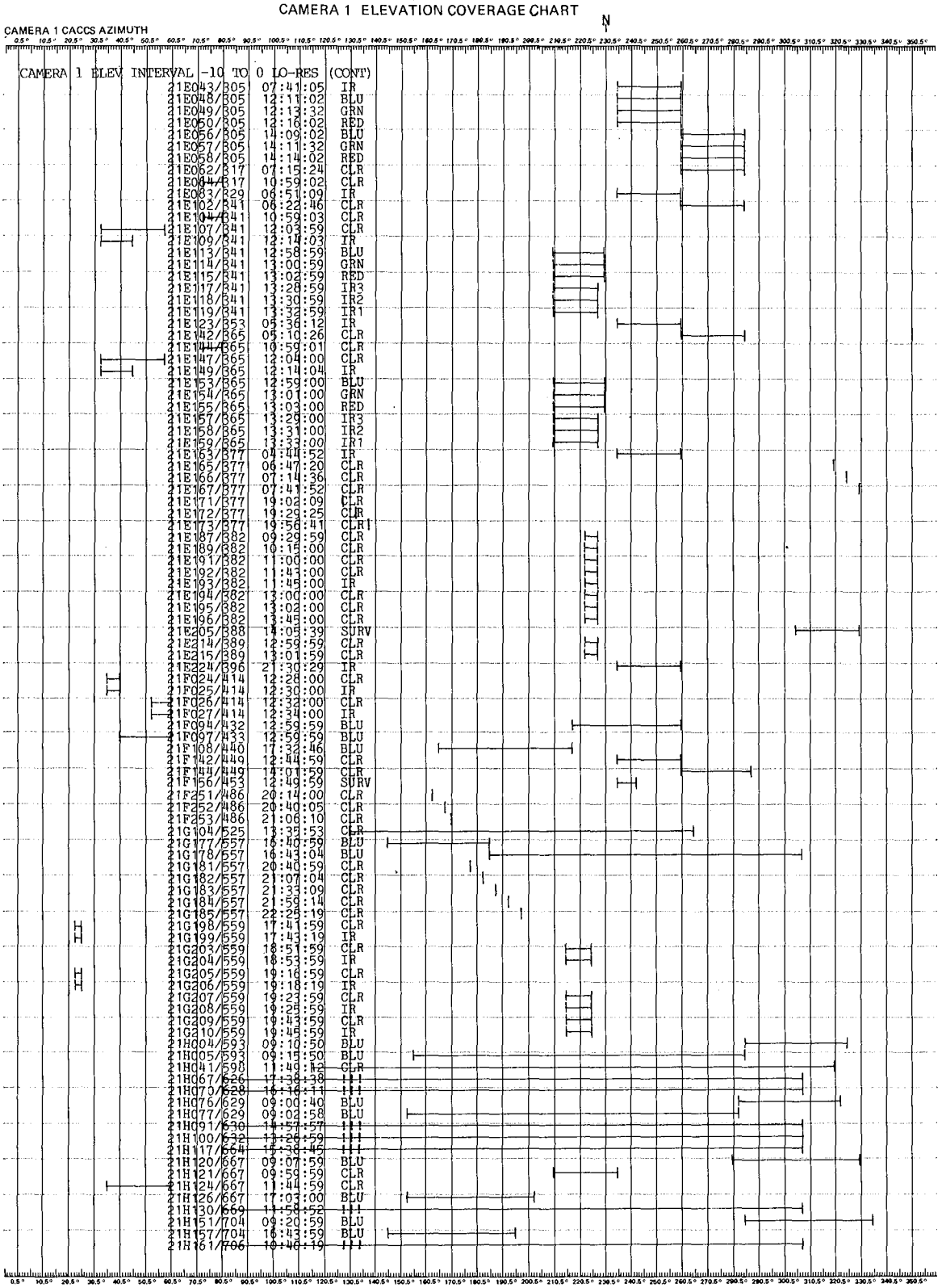


VL-2
CAMERA 1 ELEVATION COVERAGE CHART



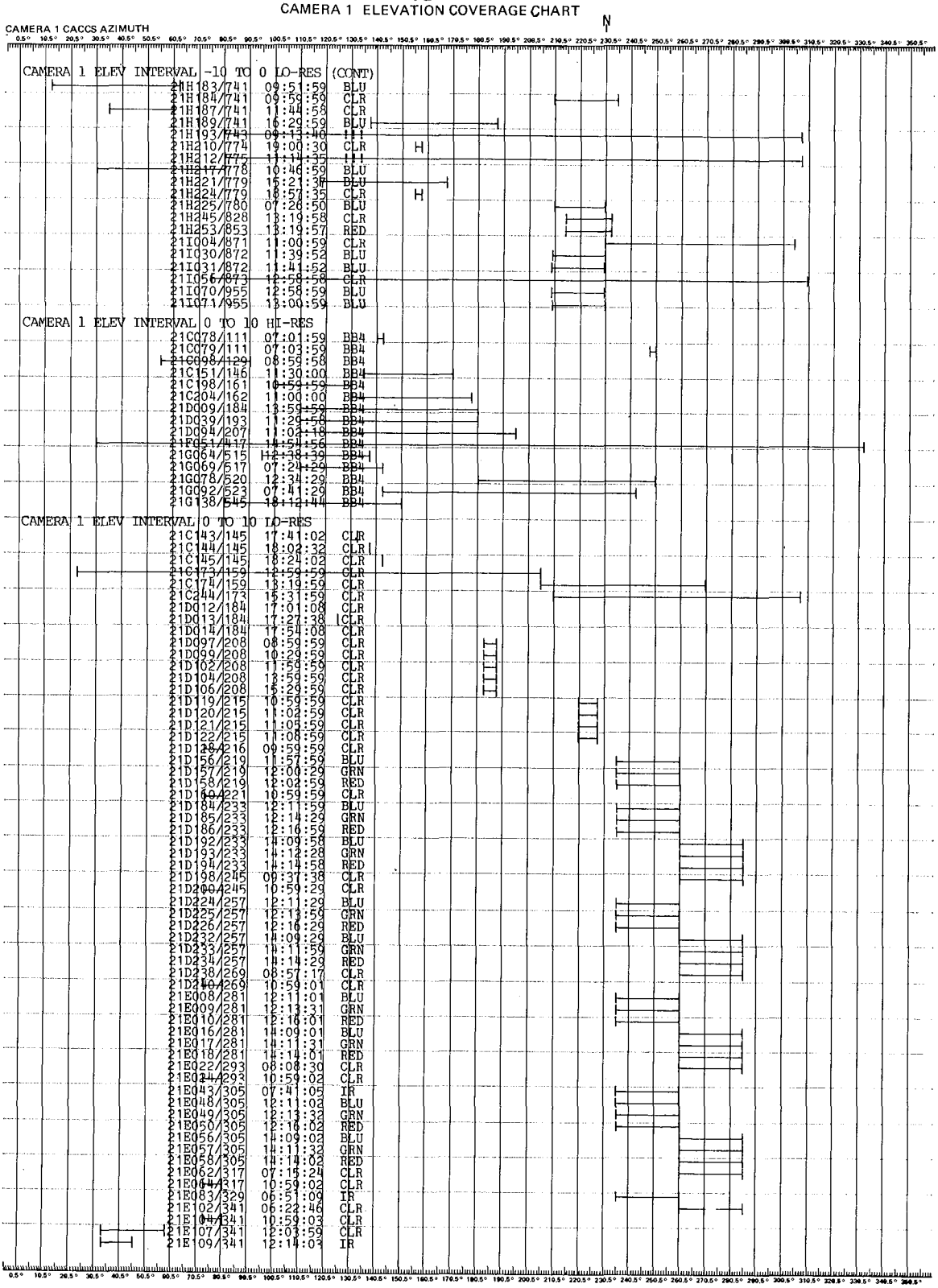
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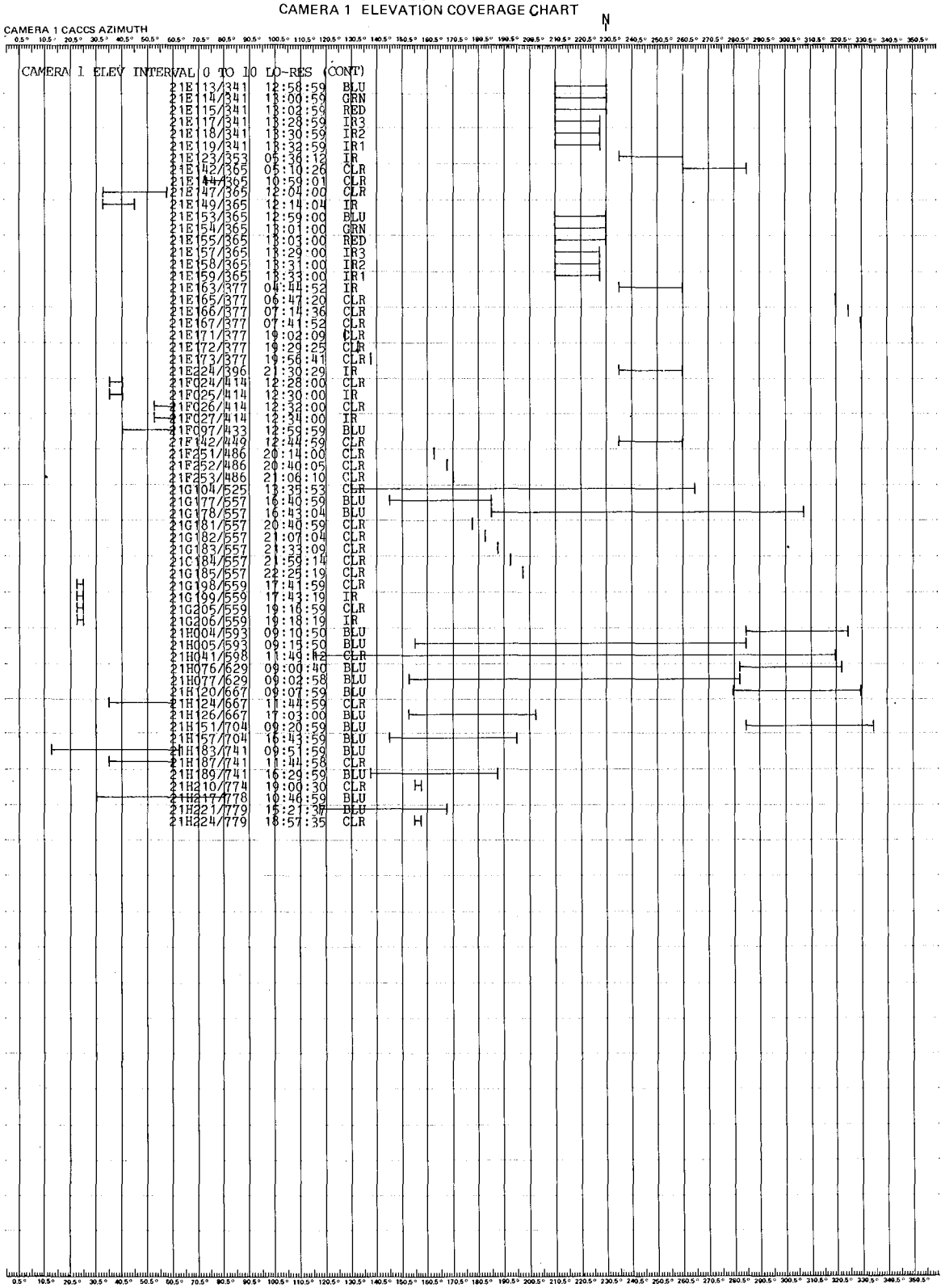
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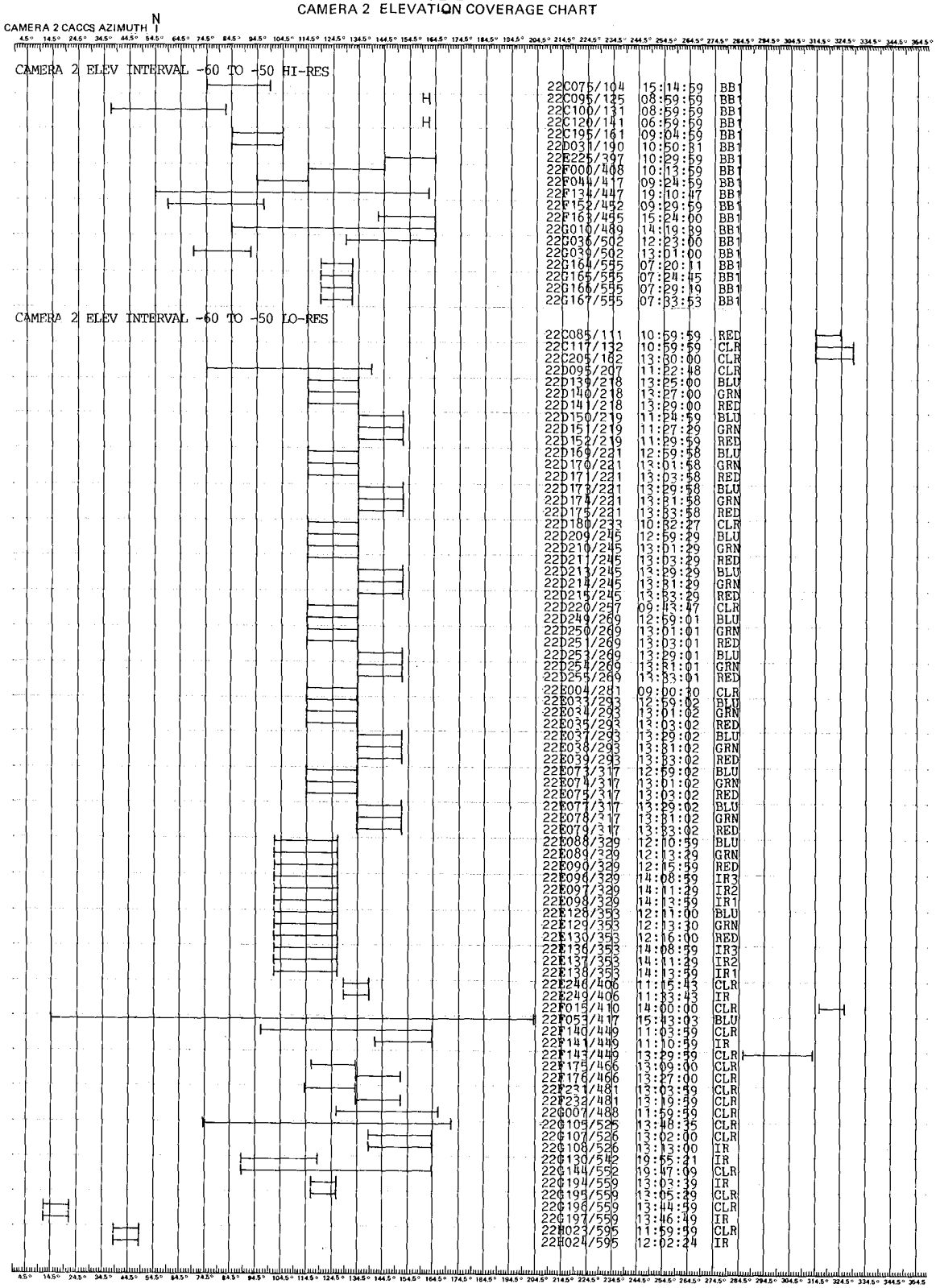
VL-2

CAMERA 1 ELEVATION COVERAGE CHART



VL-2

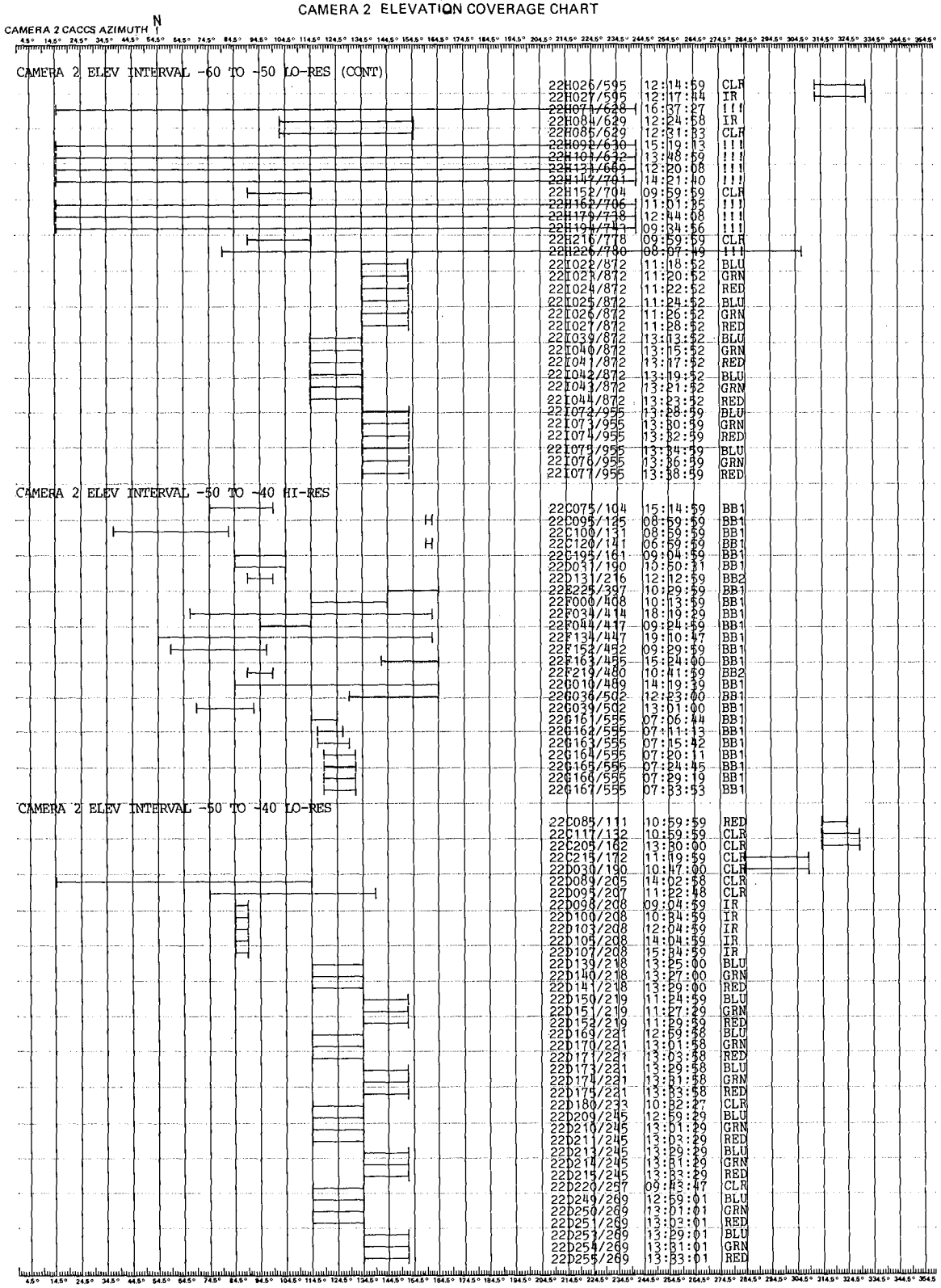
CAMERA 2 ELEVATION COVERAGE CHART



22C075/104	15:14:59	BB1
22C095/125	08:59:59	BB1
22C100/131	08:59:59	BB1
22C120/141	06:59:59	BB1
22C195/161	09:04:59	BB1
22D031/190	10:50:31	BB1
22E225/397	10:29:59	BB1
22F000/408	10:13:59	BB1
22F044/417	09:24:59	BB1
22F134/447	19:10:47	BB1
22F152/452	09:29:59	BB1
22F163/455	15:24:00	BB1
22G010/489	14:19:39	BB1
22G036/502	12:23:00	BB1
22G039/502	13:01:00	BB1
22G164/555	07:20:11	BB1
22G165/555	07:24:45	BB1
22G166/555	07:29:19	BB1
22G167/555	07:33:53	BB1
22C085/111	10:59:59	RED
22C117/132	10:59:59	CLR
22C205/162	13:30:00	CLR
22D095/207	11:22:48	CLR
22D139/218	13:25:00	BLU
22D140/218	13:27:00	GRN
22D141/218	13:29:00	RED
22D150/219	11:24:59	BLU
22D151/219	11:27:29	GRN
22D152/219	11:29:59	RED
22D169/221	12:59:58	BLU
22D170/221	13:01:58	GRN
22D171/221	13:03:58	RED
22D173/221	13:29:58	BLU
22D174/221	13:31:58	GRN
22D175/221	13:33:58	RED
22D180/233	10:32:27	CLR
22D209/245	12:59:29	BLU
22D210/245	13:01:29	GRN
22D211/245	13:03:29	RED
22D213/245	13:29:29	BLU
22D214/245	13:31:29	GRN
22D215/245	13:33:29	RED
22D220/257	09:43:47	CLR
22D249/269	12:59:01	BLU
22D250/269	13:01:01	GRN
22D251/269	13:03:01	RED
22D253/269	13:29:01	BLU
22D254/269	13:31:01	GRN
22D255/269	13:33:01	RED
22E004/281	09:00:30	CLR
22E033/293	12:59:02	BLU
22E034/293	13:01:02	GRN
22E035/293	13:03:02	RED
22E037/293	13:29:02	BLU
22E038/293	13:31:02	GRN
22E039/293	13:33:02	RED
22E073/317	12:59:02	BLU
22E074/317	13:01:02	GRN
22E075/317	13:03:02	RED
22E077/317	13:29:02	BLU
22E078/317	13:31:02	GRN
22E079/317	13:33:02	RED
22E088/329	12:10:59	BLU
22E089/329	12:13:29	GRN
22E090/329	12:15:59	RED
22E096/329	14:08:59	IR3
22E097/329	14:11:29	IR2
22E098/329	14:13:59	IR1
22E128/353	12:11:00	BLU
22E129/353	12:13:30	GRN
22E130/353	12:16:00	RED
22E136/353	14:08:59	IR3
22E137/353	14:11:29	IR2
22E138/353	14:13:59	IR1
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22E249/406	11:33:43	IR
22F015/410	14:00:00	CLR
22F053/417	15:43:03	BLU
22F140/449	11:03:59	CLR
22F141/449	11:10:59	IR
22F143/449	13:29:59	CLR
22F175/466	13:09:00	CLR
22F176/466	13:27:00	CLR
22F231/481	13:03:59	CLR
22F232/481	13:16:59	CLR
22G007/488	11:59:59	CLR
22G105/526	13:48:35	CLR
22G107/526	13:02:00	CLR
22G108/526	13:13:00	IR
22G130/542	19:55:21	IR
22G144/552	19:47:09	CLR
22G194/559	13:03:39	IR
22G195/559	13:05:29	CLR
22G196/559	13:44:59	CLR
22G197/559	13:46:49	IR
22H023/595	11:59:59	CLR
22H024/595	12:02:24	IR

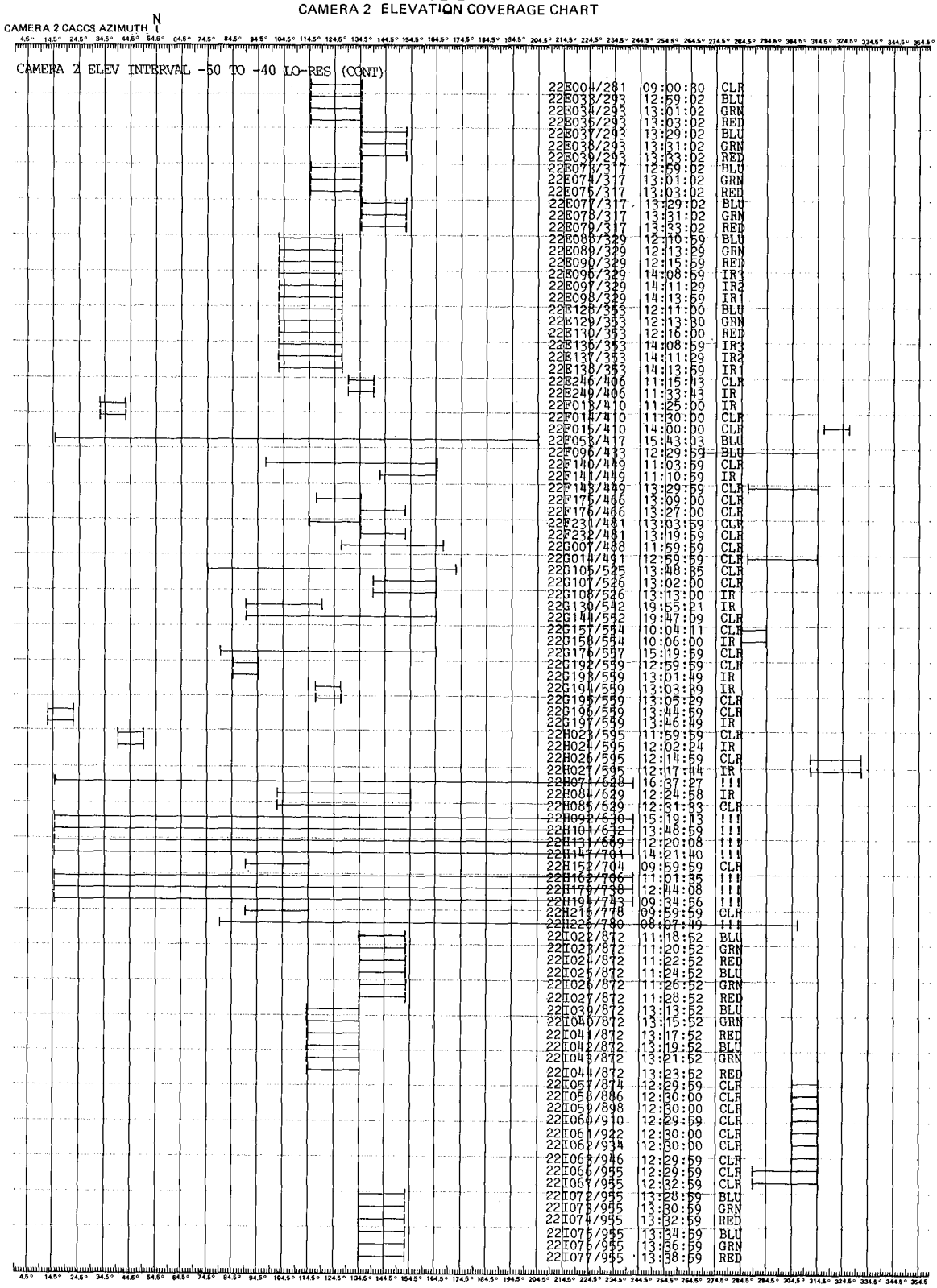
VL-2

CAMERA 2 ELEVATION COVERAGE CHART



VL-2

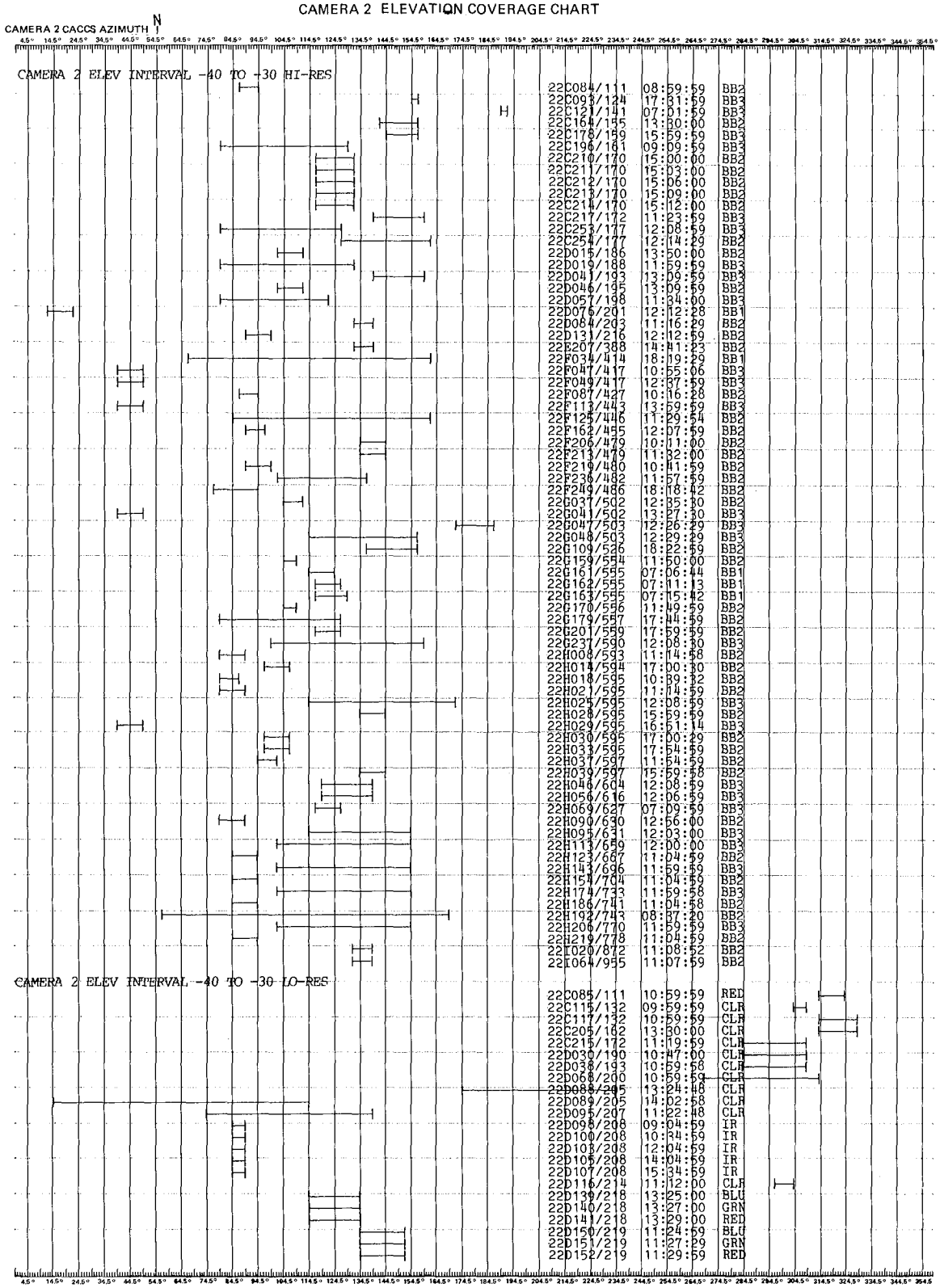
CAMERA 2 ELEVATION COVERAGE CHART



22E004/281	09:00:30	CLR
22E033/293	12:59:02	BLU
22E034/293	13:01:02	GRN
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22E037/293	13:29:02	BLU
22E038/293	13:31:02	GRN
22E039/293	13:33:02	RED
22E073/317	12:59:02	BLU
22E074/317	13:01:02	GRN
22E075/317	13:03:02	RED
22E077/317	13:29:02	BLU
22E078/317	13:31:02	GRN
22E079/317	13:33:02	RED
22E088/329	12:10:59	BLU
22E089/329	12:13:29	GRN
22E090/329	12:15:59	RED
22E096/329	14:08:59	IR3
22E097/329	14:11:29	IR2
22E098/329	14:13:59	IR1
22E128/353	12:11:00	BLU
22E129/353	12:13:30	GRN
22E130/353	12:16:00	RED
22E136/353	14:08:59	IR3
22E137/353	14:11:29	IR2
22E138/353	14:13:59	IR1
22E246/406	11:15:43	CLR
22E249/406	11:33:43	IR
22F013/410	11:25:00	IR
22F014/410	11:30:00	CLR
22F015/410	14:00:00	CLR
22F053/417	15:43:03	BLU
22F096/433	12:29:59	BLU
22F140/449	11:03:59	CLR
22F141/449	11:10:59	IR
22F143/449	13:29:59	CLR
22F175/466	13:09:00	CLR
22F176/466	13:27:00	CLR
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22F232/481	13:19:59	CLR
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22G105/525	13:48:35	CLR
22G107/526	13:02:00	CLR
22G108/526	13:13:00	IR
22G130/542	19:55:21	IR
22G144/552	19:47:09	CLR
22G157/554	10:04:11	CLR
22G158/554	10:06:00	IR
22G176/557	15:19:59	CLR
22G192/559	12:59:59	CLR
22G193/559	13:01:49	IR
22G194/559	13:03:39	IR
22G195/559	13:05:29	CLR
22G196/559	13:44:59	CLR
22G197/559	13:46:49	IR
22H023/595	11:59:59	CLR
22H024/595	12:02:24	IR
22H026/595	12:14:59	CLR
22H027/595	12:17:44	IR
22H077/638	16:37:27	!!!
22H084/629	12:24:58	IR
22H085/629	12:31:33	CLR
22H092/630	15:19:13	!!!
22H101/632	13:48:59	!!!
22H131/689	12:20:08	!!!
22H147/701	14:21:40	!!!
22H152/704	09:59:59	CLR
22H162/706	11:01:35	!!!
22H170/738	12:44:08	!!!
22H194/743	09:34:56	!!!
22H216/778	09:59:59	CLR
22H226/780	08:07:49	!!!
22I022/872	11:18:52	BLU
22I023/872	11:20:52	GRN
22I024/872	11:22:52	RED
22I025/872	11:24:52	BLU
22I026/872	11:26:52	GRN
22I027/872	11:28:52	RED
22I039/872	13:13:52	BLU
22I040/872	13:15:52	GRN
22I041/872	13:17:52	RED
22I042/872	13:19:52	BLU
22I043/872	13:21:52	GRN
22I044/872	13:23:52	RED
22I057/874	12:29:59	CLR
22I058/886	12:30:00	CLR
22I059/898	12:30:00	CLR
22I060/910	12:29:59	CLR
22I061/922	12:30:00	CLR
22I062/934	12:30:00	CLR
22I063/946	12:29:59	CLR
22I066/955	12:29:59	CLR
22I067/955	12:32:59	CLR
22I072/955	13:28:59	BLU
22I073/955	13:30:59	GRN
22I074/955	13:32:59	RED
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22I076/955	13:36:59	GRN
22I077/955	13:38:59	RED

VL-2

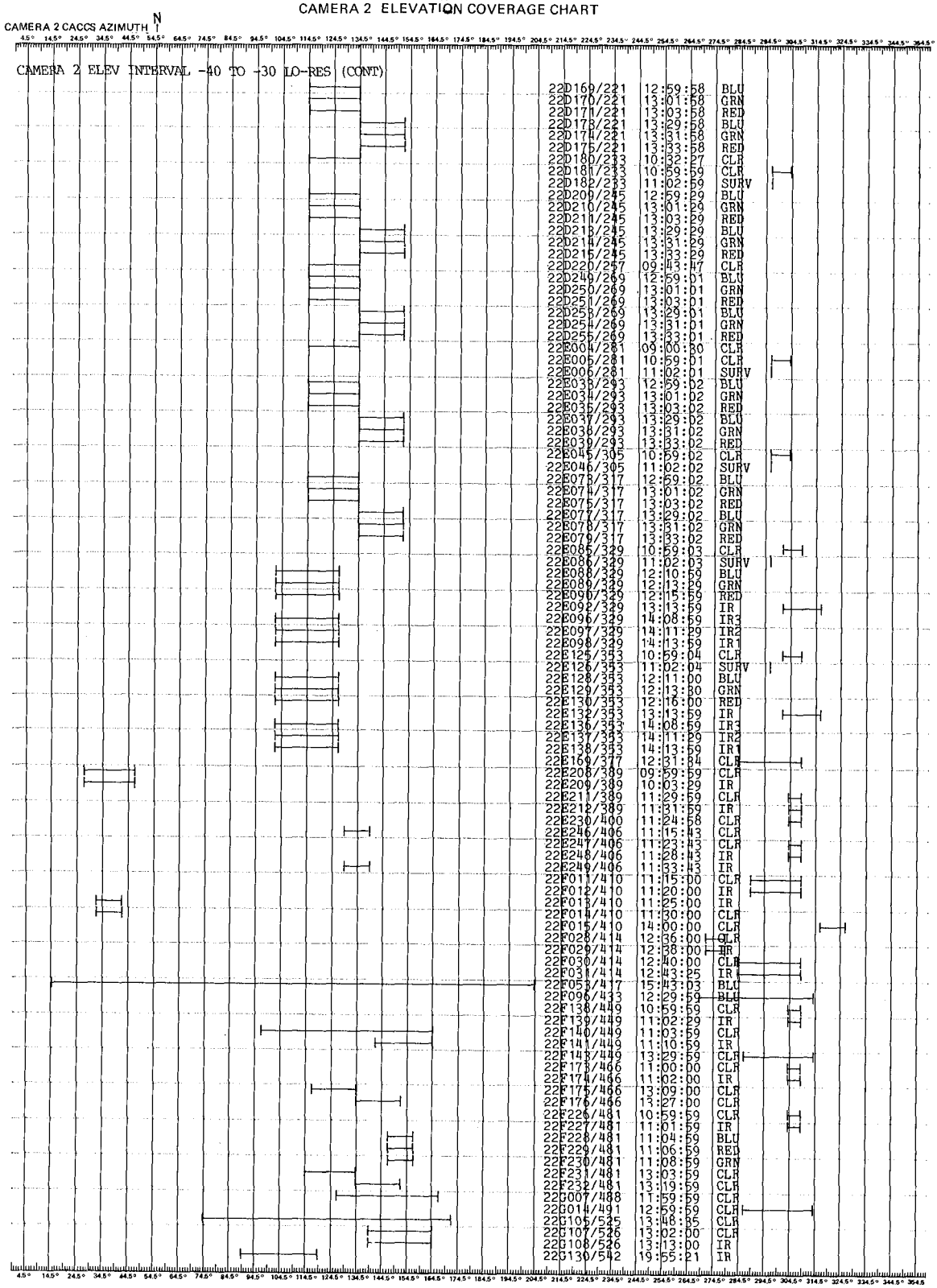
CAMERA 2 ELEVATION COVERAGE CHART



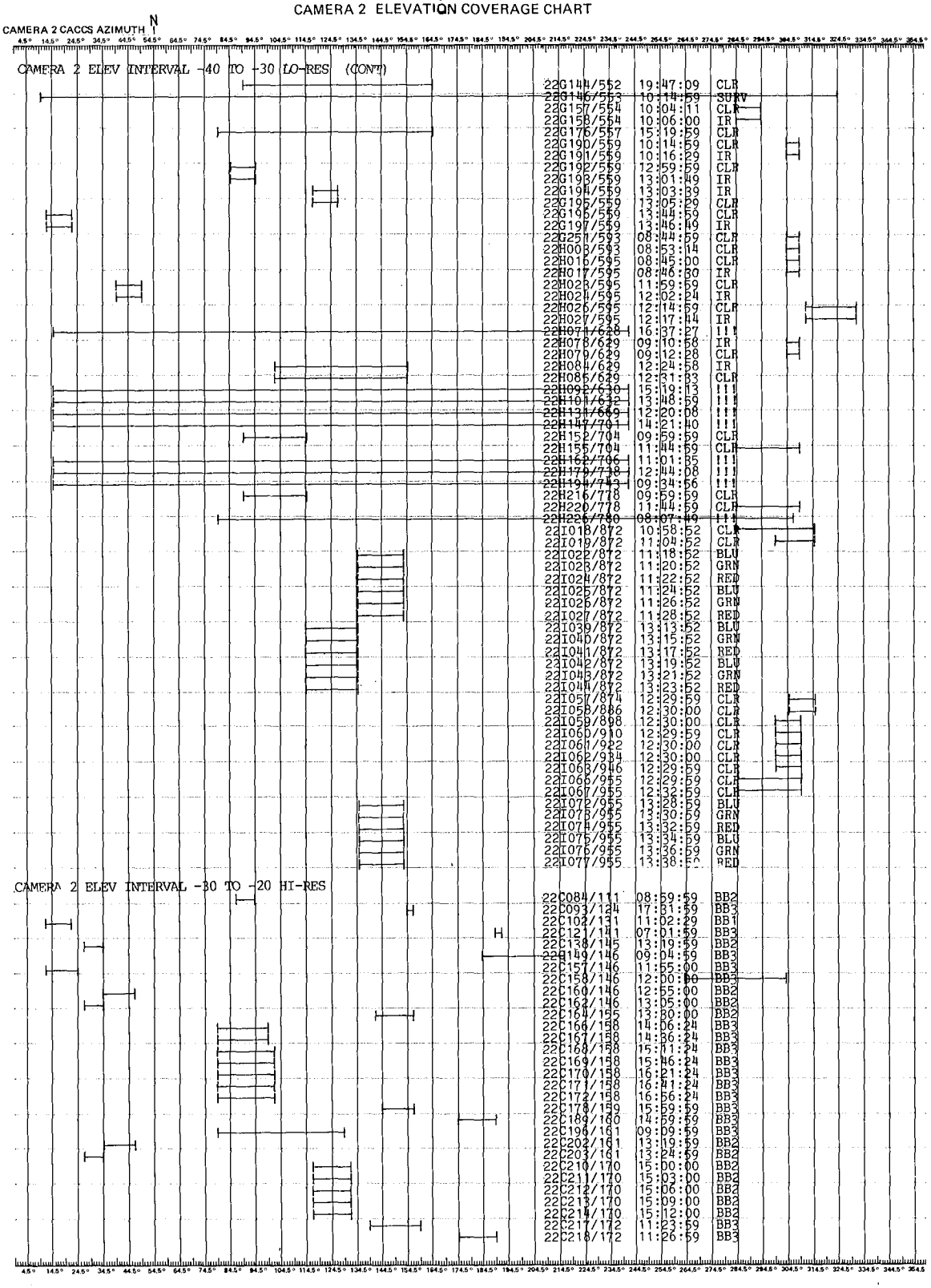
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22C093/124	17:31:59	BB3
22C121/141	07:01:59	BB3
22C164/155	13:30:00	BB2
22C178/159	15:59:59	BB3
22C196/161	09:09:59	BB3
22C210/170	15:00:00	BB2
22C211/170	15:03:00	BB2
22C212/170	15:06:00	BB2
22C213/170	15:09:00	BB2
22C214/170	15:12:00	BB2
22C217/172	11:23:59	BB3
22C253/177	12:08:59	BB3
22C254/177	12:14:29	BB2
22D015/186	13:50:00	BB2
22D019/188	11:59:59	BB3
22D041/193	13:09:59	BB3
22D046/195	13:09:59	BB2
22D057/198	11:34:00	BB3
22D076/201	12:12:28	BB1
22D084/203	11:16:29	BB2
22D131/216	12:12:59	BB2
22E207/388	14:41:23	BB2
22F034/414	18:19:29	BB1
22F047/417	10:55:06	BB3
22F049/417	12:37:59	BB3
22F087/427	10:16:28	BB2
22F113/443	13:59:59	BB3
22F125/446	11:29:54	BB2
22F162/455	12:07:59	BB2
22F206/479	10:11:00	BB2
22F213/479	11:32:00	BB2
22F219/480	10:41:59	BB2
22F236/482	11:57:59	BB2
22F249/486	18:18:42	BB2
22G037/502	12:35:30	BB2
22G041/502	13:27:30	BB3
22G047/503	12:26:29	BB3
22G048/503	12:29:29	BB3
22G109/526	18:22:59	BB2
22G159/544	11:50:00	BB2
22G161/545	07:06:44	BB1
22G162/545	07:11:13	BB1
22G163/545	07:15:42	BB1
22G170/546	11:49:59	BB2
22G179/547	17:44:59	BB2
22G201/559	17:59:59	BB2
22G231/590	12:08:30	BB3
22H008/593	11:14:58	BB2
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22H018/595	10:39:32	BB2
22H021/595	11:14:59	BB2
22H025/595	12:08:59	BB3
22H028/595	15:59:59	BB2
22H029/595	16:51:14	BB3
22H030/595	17:00:29	BB2
22H033/595	17:54:59	BB2
22H037/597	11:54:59	BB2
22H039/597	15:59:58	BB2
22H046/604	12:08:59	BB3
22H056/616	12:06:59	BB3
22H069/627	07:09:59	BB3
22H090/630	12:56:00	BB2
22H095/631	12:03:00	BB3
22H113/659	12:00:00	BB3
22H123/667	11:04:59	BB2
22H143/696	11:59:59	BB3
22H154/704	11:04:59	BB2
22H174/733	11:59:58	BB3
22H186/741	11:04:58	BB2
22H192/743	08:37:20	BB2
22H206/770	11:59:59	BB3
22H219/778	11:04:59	BB2
22I020/872	11:08:52	BB2
22I064/955	11:07:59	BB2
22C085/111	10:59:59	RED
22C115/132	09:59:59	CLR
22C117/132	10:59:59	CLR
22C205/162	13:30:00	CLR
22C215/172	11:19:59	CLR
22D030/190	10:47:00	CLR
22D038/193	10:59:58	CLR
22D068/200	10:59:59	CLR
22D088/205	13:24:48	CLR
22D089/205	14:02:58	CLR
22D095/207	11:22:48	CLR
22D098/208	09:04:59	IR
22D100/208	10:34:59	IR
22D103/208	12:04:59	IR
22D105/208	14:04:59	IR
22D107/208	15:34:59	IR
22D116/214	11:12:00	CLR
22D139/218	13:25:00	BLU
22D140/218	13:27:00	GRN
22D141/218	13:29:00	RED
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22D151/219	11:27:29	GRN
22D152/219	11:29:59	RED

VL-2

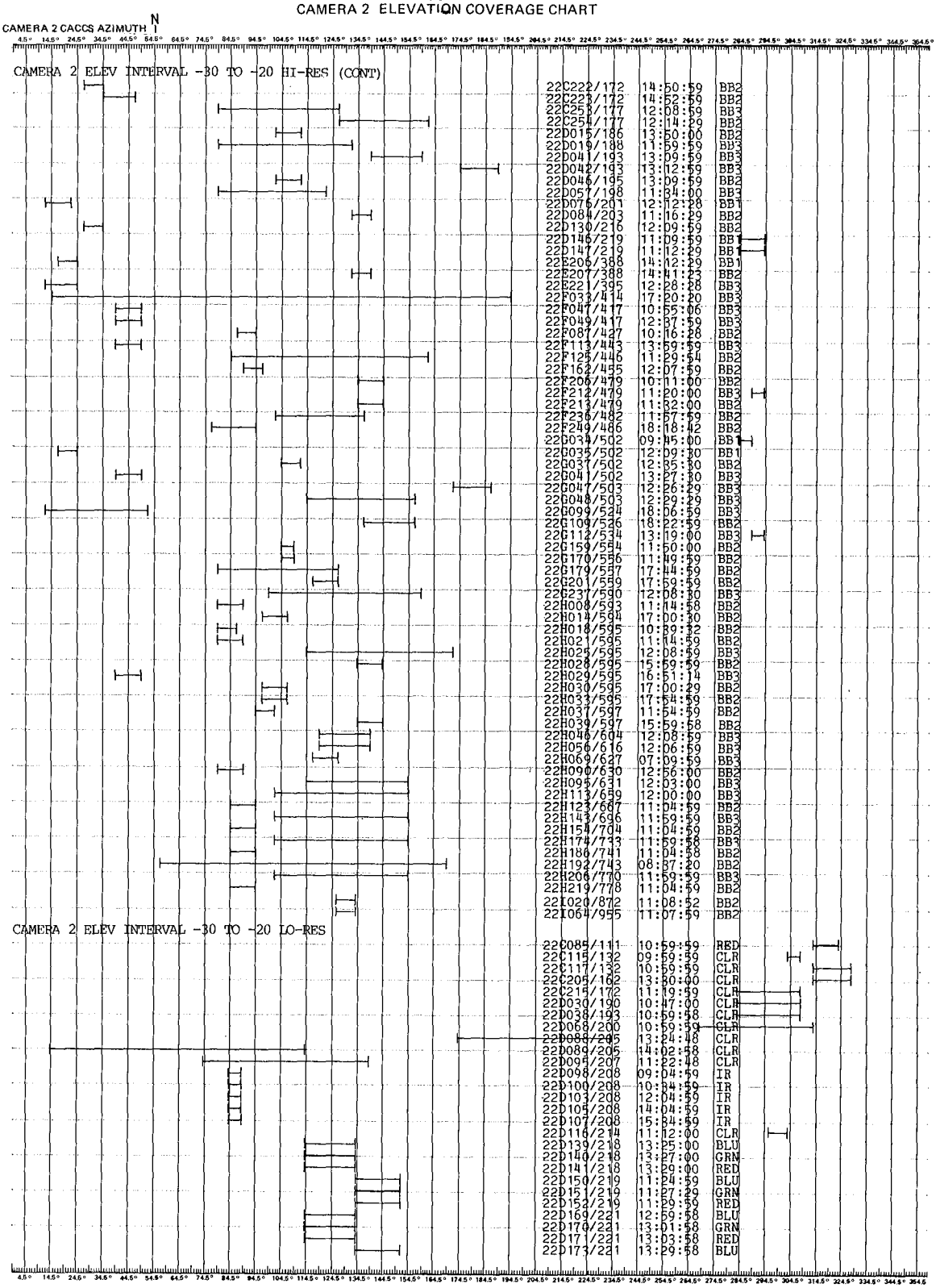
CAMERA 2 ELEVATION COVERAGE CHART



VL-2
CAMERA 2 ELEVATION COVERAGE CHART



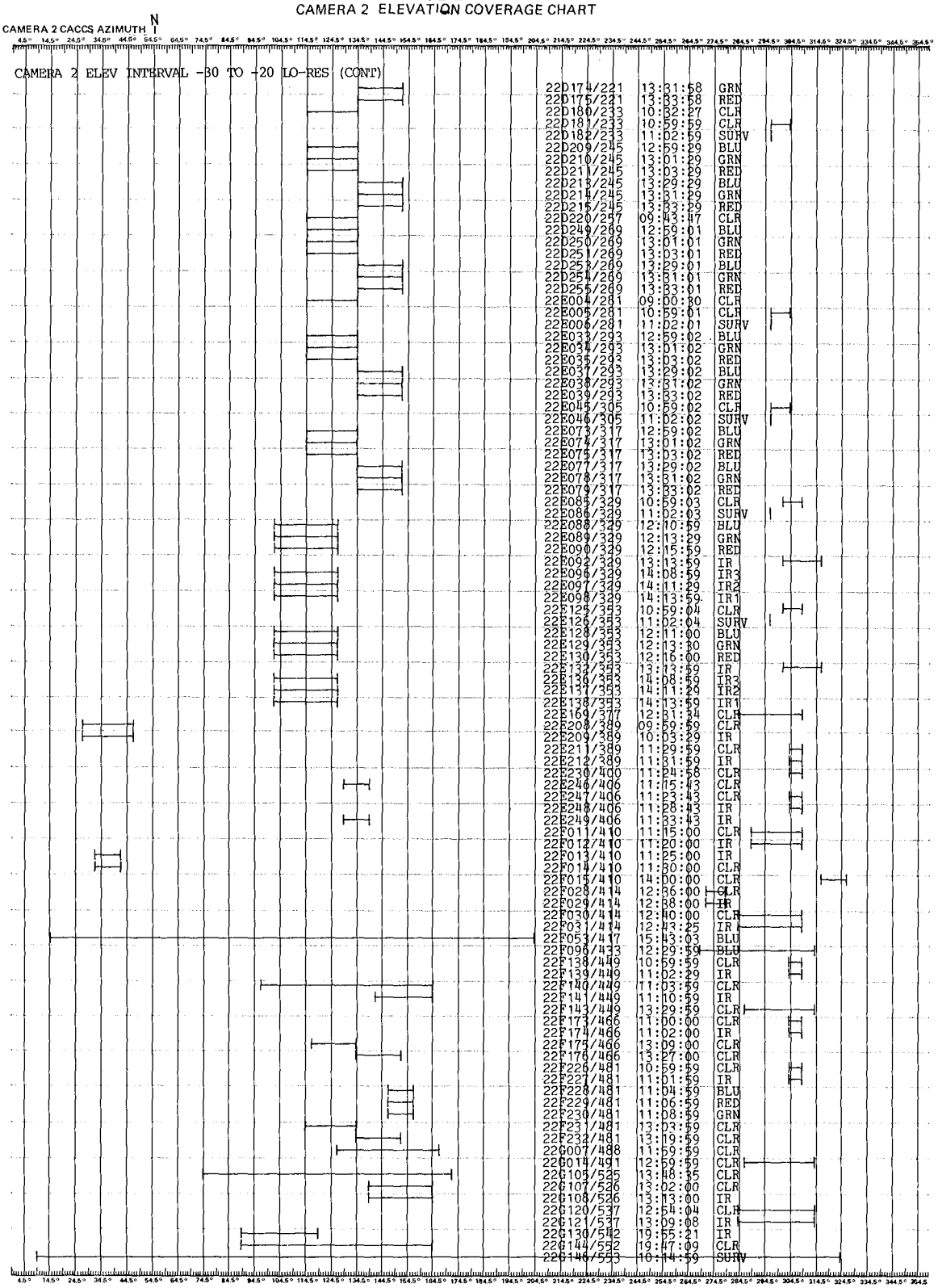
VL-2
CAMERA 2 ELEVATION COVERAGE CHART



22C222/172	14:50:59	BB2	
22C223/172	14:52:59	BB2	
22C253/177	12:08:59	BB3	
22C254/177	12:14:29	BB2	
22D015/186	13:50:00	BB2	
22D018/188	11:59:59	BB3	
22D041/193	13:09:59	BB3	
22D042/193	13:12:59	BB3	
22D046/195	13:09:59	BB2	
22D057/198	11:34:00	BB3	
22D076/201	12:12:28	BB1	
22D084/203	11:16:29	BB2	
22D130/216	12:09:59	BB2	
22D146/219	11:09:59	BB1	
22D147/219	11:12:29	BB1	
22E206/388	14:12:29	BB1	
22E207/388	14:41:23	BB2	
22E221/395	12:28:28	BB3	
22F033/414	17:20:20	BB3	
22F047/417	10:55:06	BB3	
22F049/417	12:37:59	BB3	
22F087/427	10:16:28	BB2	
22F113/443	13:59:59	BB3	
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22F212/479	11:20:00	BB3	
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22G109/526	18:22:59	BB2	
22G112/534	13:19:00	BB3	
22G159/554	11:50:00	BB2	
22G170/556	11:49:59	BB2	
22G179/557	17:44:59	BB2	
22G201/559	17:59:59	BB2	
22G237/590	12:08:30	BB3	
22H008/593	11:14:58	BB2	
22H014/594	17:00:30	BB2	
22H018/595	10:39:32	BB2	
22H021/595	11:14:59	BB2	
22H025/595	12:08:59	BB3	
22H028/595	15:59:59	BB2	
22H029/595	16:51:14	BB3	
22H030/595	17:00:29	BB2	
22H033/596	17:54:59	BB2	
22H037/597	11:54:59	BB2	
22H039/597	15:59:58	BB2	
22H046/604	12:08:59	BB3	
22H056/616	12:06:59	BB3	
22H069/627	07:09:59	BB3	
22H090/630	12:56:00	BB2	
22H095/631	12:03:00	BB3	
22H113/659	12:00:00	BB3	
22H123/667	11:04:59	BB2	
22H143/696	11:59:59	BB3	
22H154/704	11:04:59	BB2	
22H174/733	11:59:58	BB3	
22H186/741	11:04:58	BB2	
22H192/743	08:37:20	BB2	
22H206/770	11:59:59	BB3	
22H219/778	11:04:59	BB2	
22I020/872	11:08:52	BB2	
22I064/955	11:07:59	BB2	
22C085/111	10:59:59	RED	
22C115/132	09:59:59	CLR	
22C117/132	10:59:59	CLR	
22C205/162	13:30:00	CLR	
22C215/172	11:19:59	CLR	
22D030/190	10:47:00	CLR	
22D038/193	10:59:58	CLR	
22D068/200	10:59:30	CLR	
22D088/205	13:24:18	CLR	
22D089/205	14:02:58	CLR	
22D095/207	11:22:48	CLR	
22D098/208	09:04:59	IR	
22D100/208	10:54:59	IR	
22D103/208	12:04:59	IR	
22D105/208	14:04:59	IR	
22D107/208	15:54:59	IR	
22D116/214	11:12:00	CLR	
22D139/218	13:25:00	BLU	
22D140/218	13:27:00	GRN	
22D141/218	13:29:00	RED	
22D150/219	11:24:59	BLU	
22D151/219	11:27:29	GRN	
22D152/219	11:29:59	RED	
22D169/221	12:59:58	BLU	
22D170/221	13:01:58	GRN	
22D171/221	13:03:58	RED	
22D173/221	13:29:58	BLU	

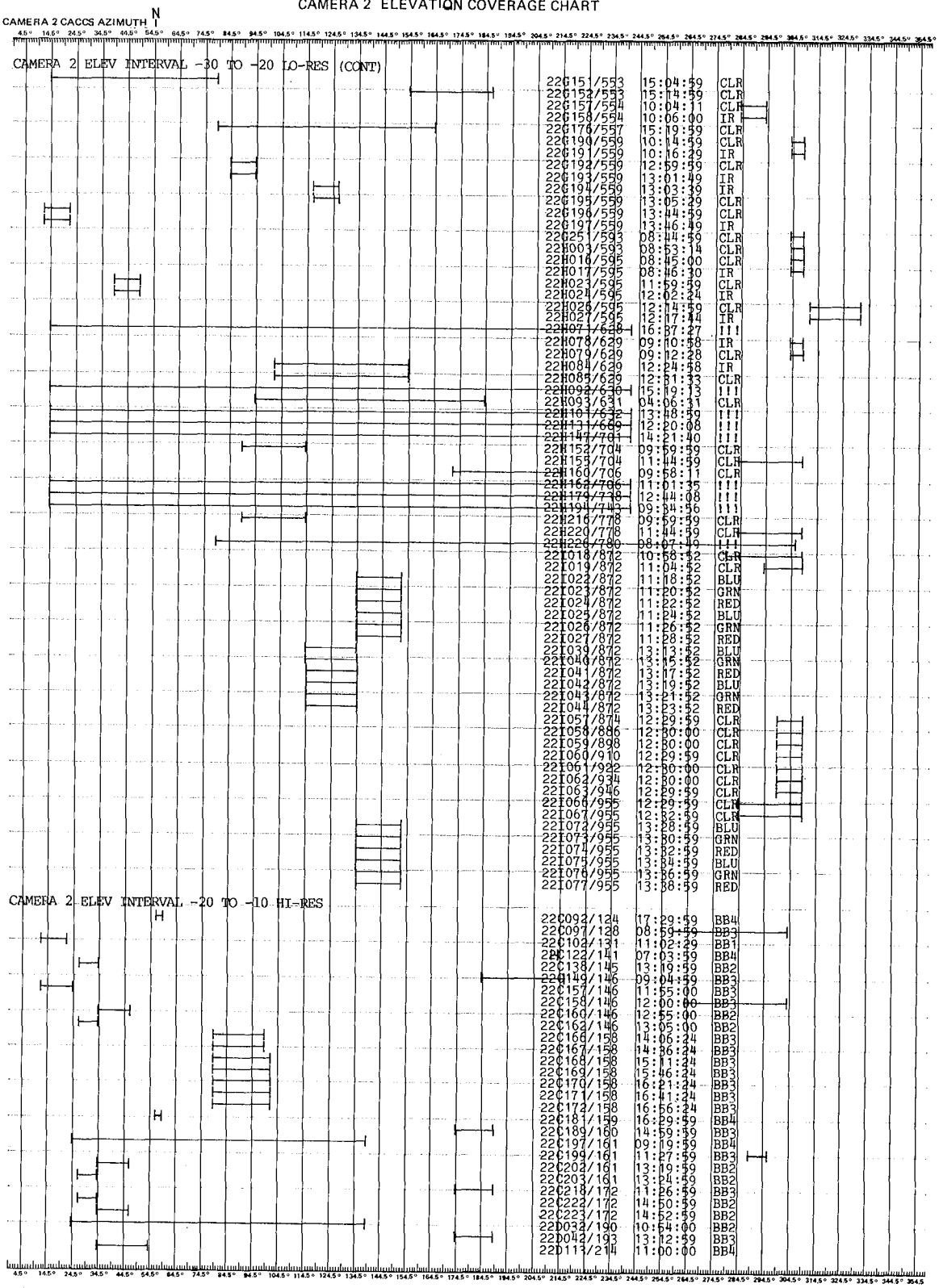
VL-2

CAMERA 2 ELEVATION COVERAGE CHART



VL-2

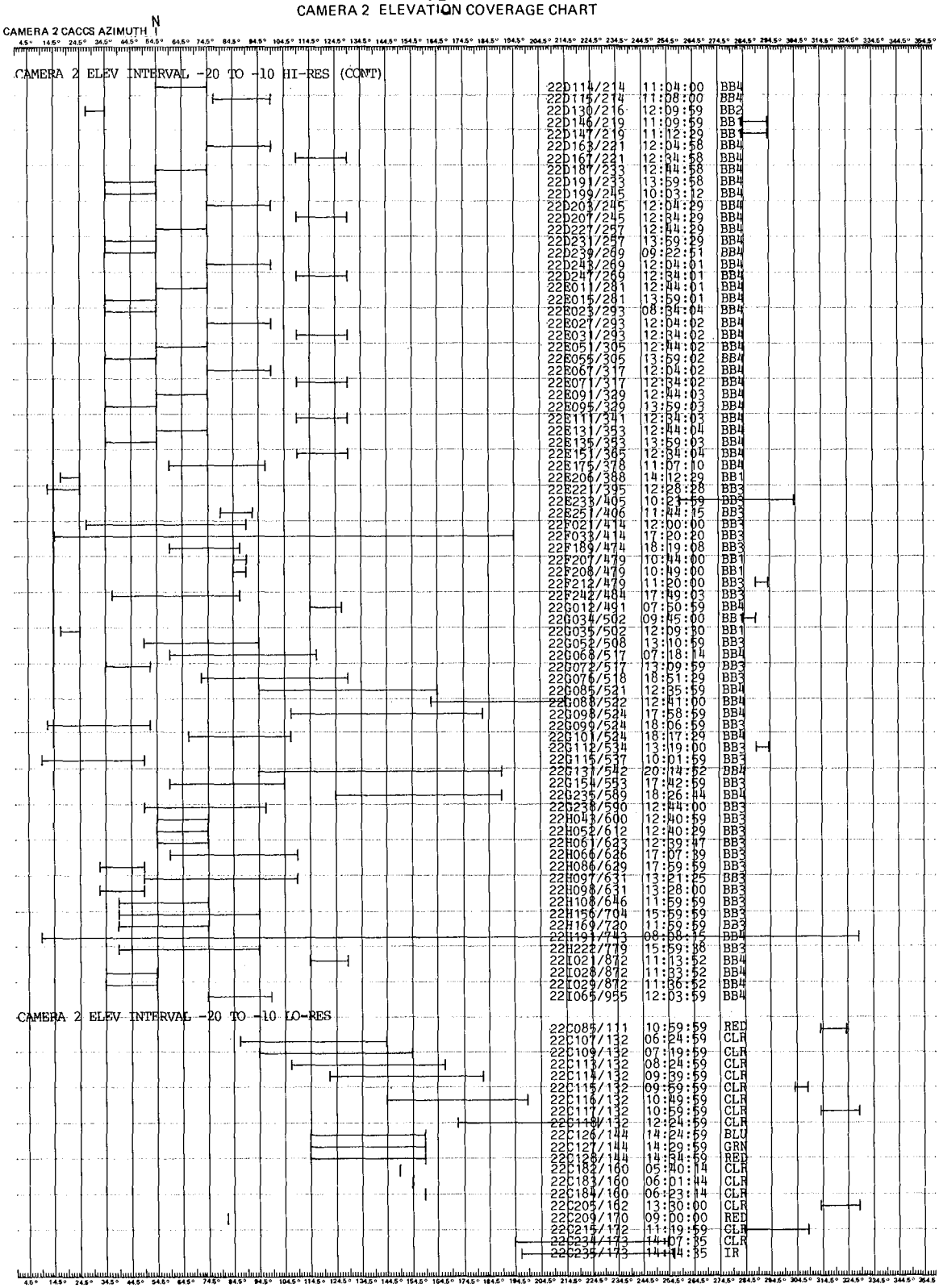
CAMERA 2 ELEVATION COVERAGE CHART



22G151/553	15:04:59	CLR
22G152/553	15:14:59	CLR
22G157/554	10:04:11	CLR
22G158/554	10:06:00	IR
22G176/557	15:19:59	CLR
22G190/559	10:14:59	CLR
22G191/559	10:16:29	IR
22G192/559	12:59:59	CLR
22G193/559	13:01:49	IR
22G194/559	13:03:39	IR
22G195/559	13:05:29	CLR
22G196/559	13:44:59	CLR
22G197/559	13:46:49	IR
22G251/563	08:44:59	CLR
22H003/595	08:53:14	CLR
22H016/595	08:45:00	CLR
22H017/595	08:46:30	IR
22H023/595	11:59:59	CLR
22H024/595	12:02:24	IR
22H026/595	12:14:59	CLR
22H027/595	12:17:44	IR
22H071/628	16:37:27	!!!
22H078/629	09:10:58	IR
22H079/629	09:12:28	CLR
22H084/629	12:24:58	IR
22H085/629	12:31:33	CLR
22H092/630	15:19:13	!!!
22H093/631	04:06:31	CLR
22H101/632	13:48:59	!!!
22H131/689	12:20:08	!!!
22H147/701	14:21:40	!!!
22H152/704	09:59:59	CLR
22H155/704	11:44:59	CLR
22H160/706	09:58:11	CLR
22H163/706	11:01:35	!!!
22H179/738	12:44:08	!!!
22H191/743	09:34:56	!!!
22H216/778	09:59:59	CLR
22H220/778	11:44:59	CLR
22H226/780	08:07:49	!!!
22I018/872	10:58:52	CLR
22I019/872	11:04:52	CLR
22I022/872	11:18:52	BLU
22I023/872	11:20:52	GRN
22I024/872	11:22:52	RED
22I025/872	11:24:52	BLU
22I026/872	11:26:52	GRN
22I027/872	11:28:52	RED
22I039/872	13:13:52	BLU
22I040/872	13:15:52	GRN
22I041/872	13:17:52	RED
22I042/872	13:19:52	BLU
22I043/872	13:21:52	GRN
22I044/872	13:23:52	RED
22I057/874	12:29:59	CLR
22I058/886	12:30:00	CLR
22I059/898	12:30:00	CLR
22I060/910	12:29:59	CLR
22I061/922	12:30:00	CLR
22I062/934	12:30:00	CLR
22I063/946	12:29:59	CLR
22I066/955	12:29:59	CLR
22I067/955	12:32:59	CLR
22I072/955	13:28:59	BLU
22I073/955	13:30:59	GRN
22I074/955	13:32:59	RED
22I075/955	13:34:59	BLU
22I076/955	13:36:59	GRN
22I077/955	13:38:59	RED
22C092/124	17:29:59	BB4
22C097/128	08:59:59	BB3
22C102/131	11:02:29	BB1
22C122/141	07:03:59	BB4
22C138/145	13:19:59	BB2
22C149/146	09:04:59	BB3
22C157/146	11:55:00	BB3
22C158/146	12:00:00	BB3
22C160/146	12:55:00	BB2
22C162/146	13:05:00	BB2
22C166/158	14:06:24	BB3
22C167/158	14:36:24	BB3
22C168/158	15:11:24	BB3
22C169/158	15:46:24	BB3
22C170/158	16:21:24	BB3
22C171/158	16:41:24	BB3
22C172/158	16:56:24	BB3
22C181/159	16:29:59	BB4
22C189/160	14:59:59	BB3
22C197/161	09:19:59	BB4
22C199/161	11:27:59	BB3
22C202/161	13:19:59	BB2
22C203/161	13:24:59	BB2
22C218/172	11:26:59	BB3
22C222/172	14:50:59	BB2
22C223/172	14:52:59	BB2
22D032/190	10:54:00	BB2
22D042/193	13:12:59	BB3
22D113/214	11:00:00	BB4

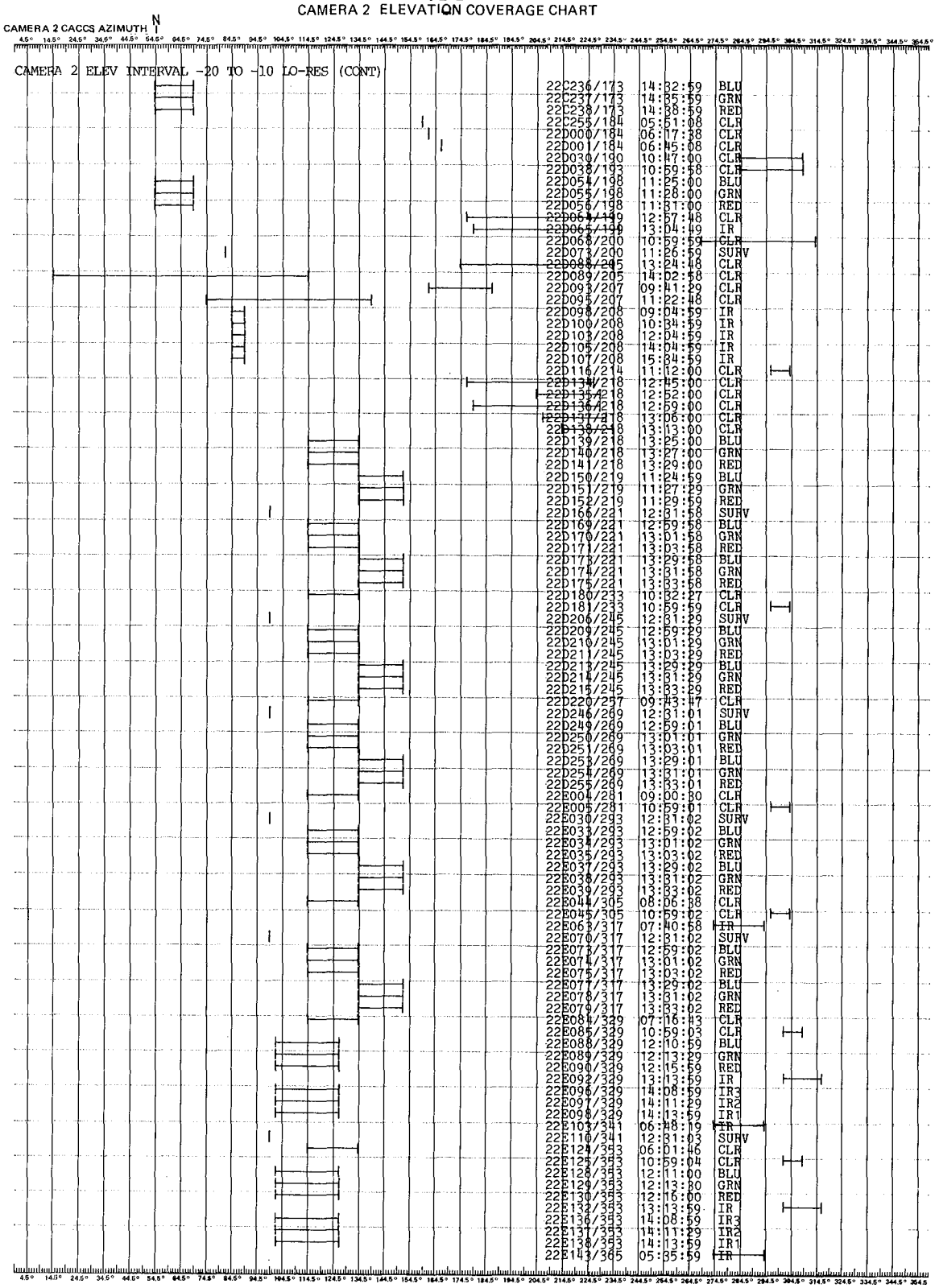
VL-2

CAMERA 2 ELEVATION COVERAGE CHART



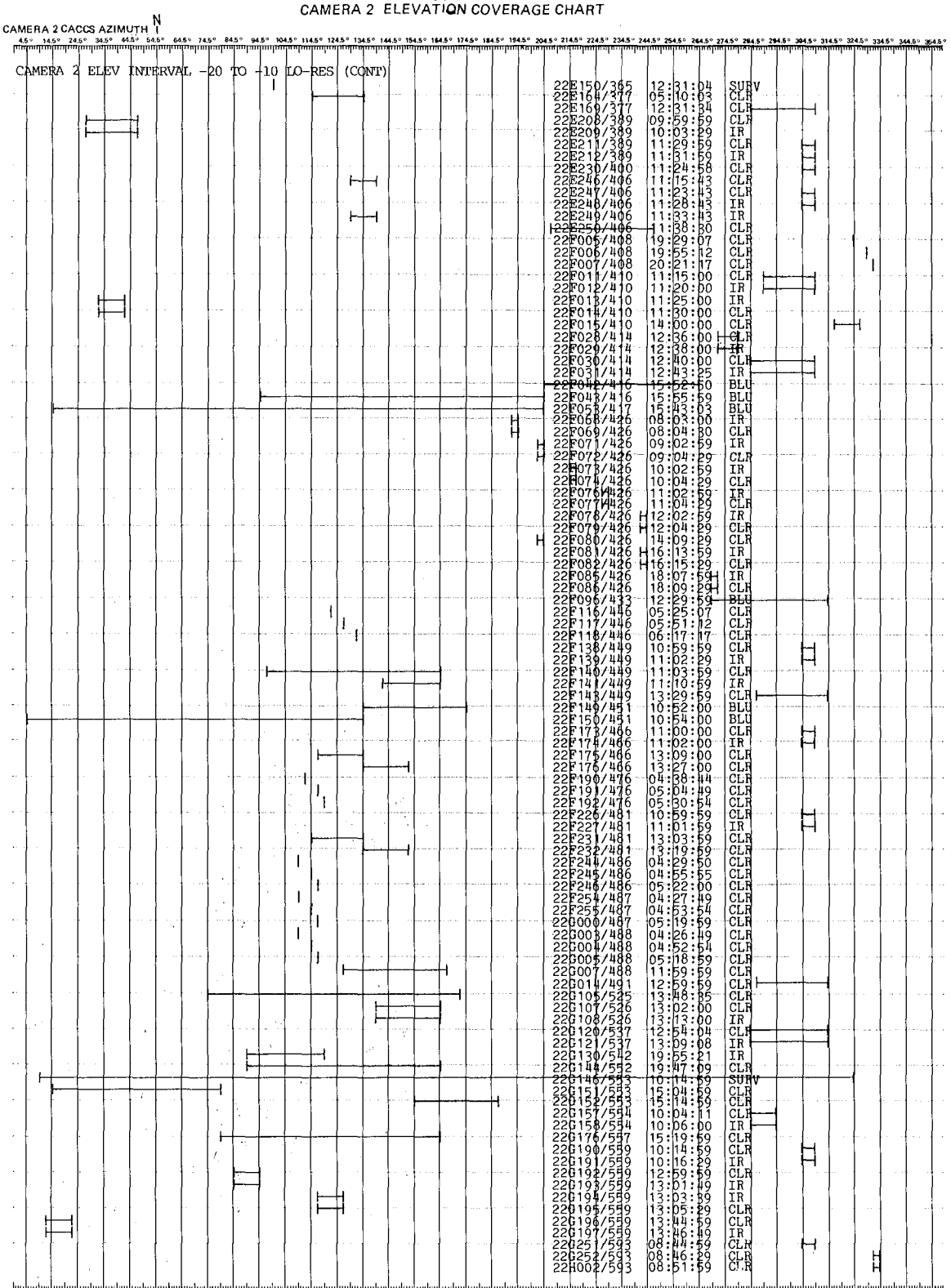
VL-2

CAMERA 2 ELEVATION COVERAGE CHART



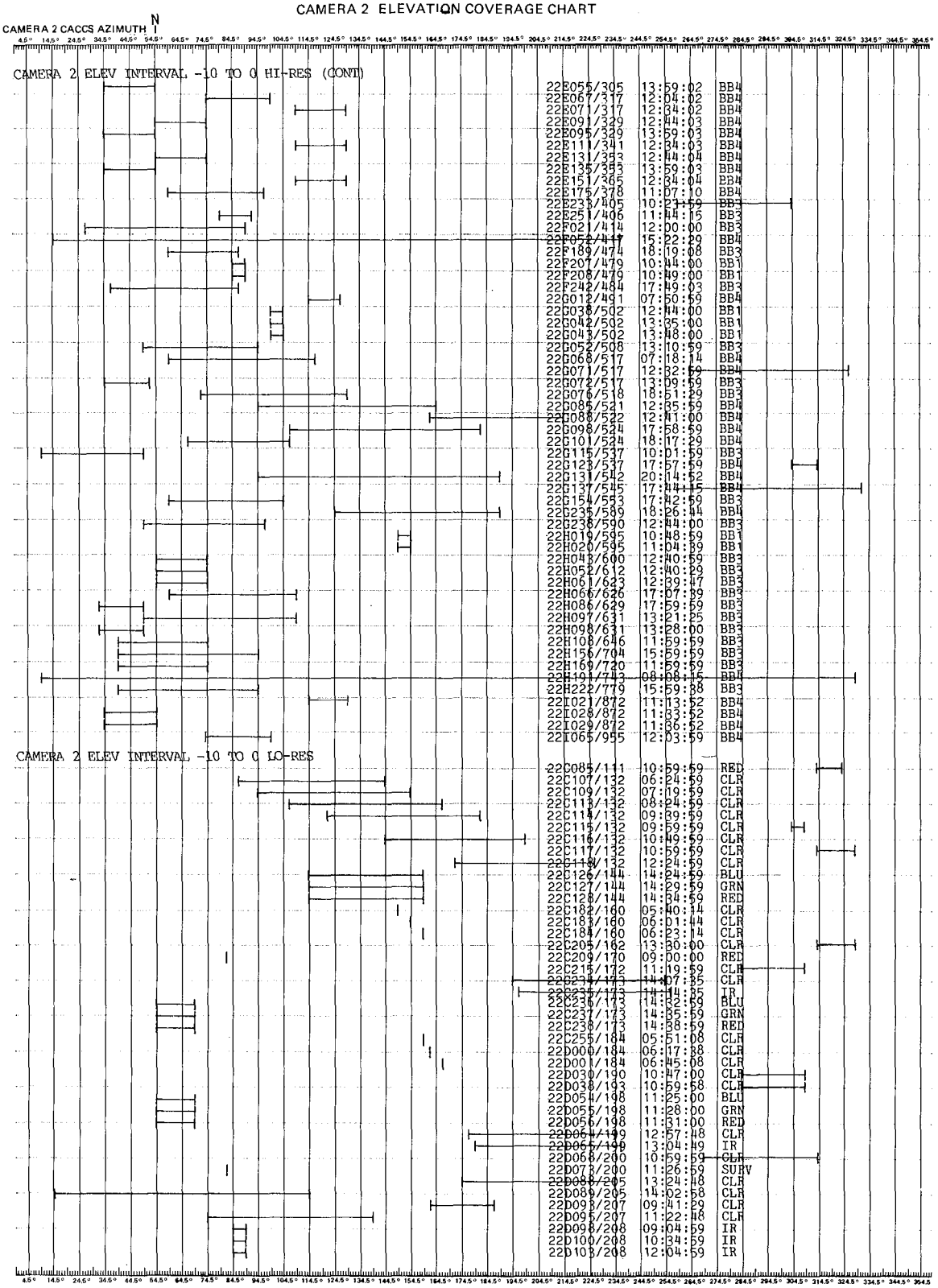
VL-2

CAMERA 2 ELEVATION COVERAGE CHART

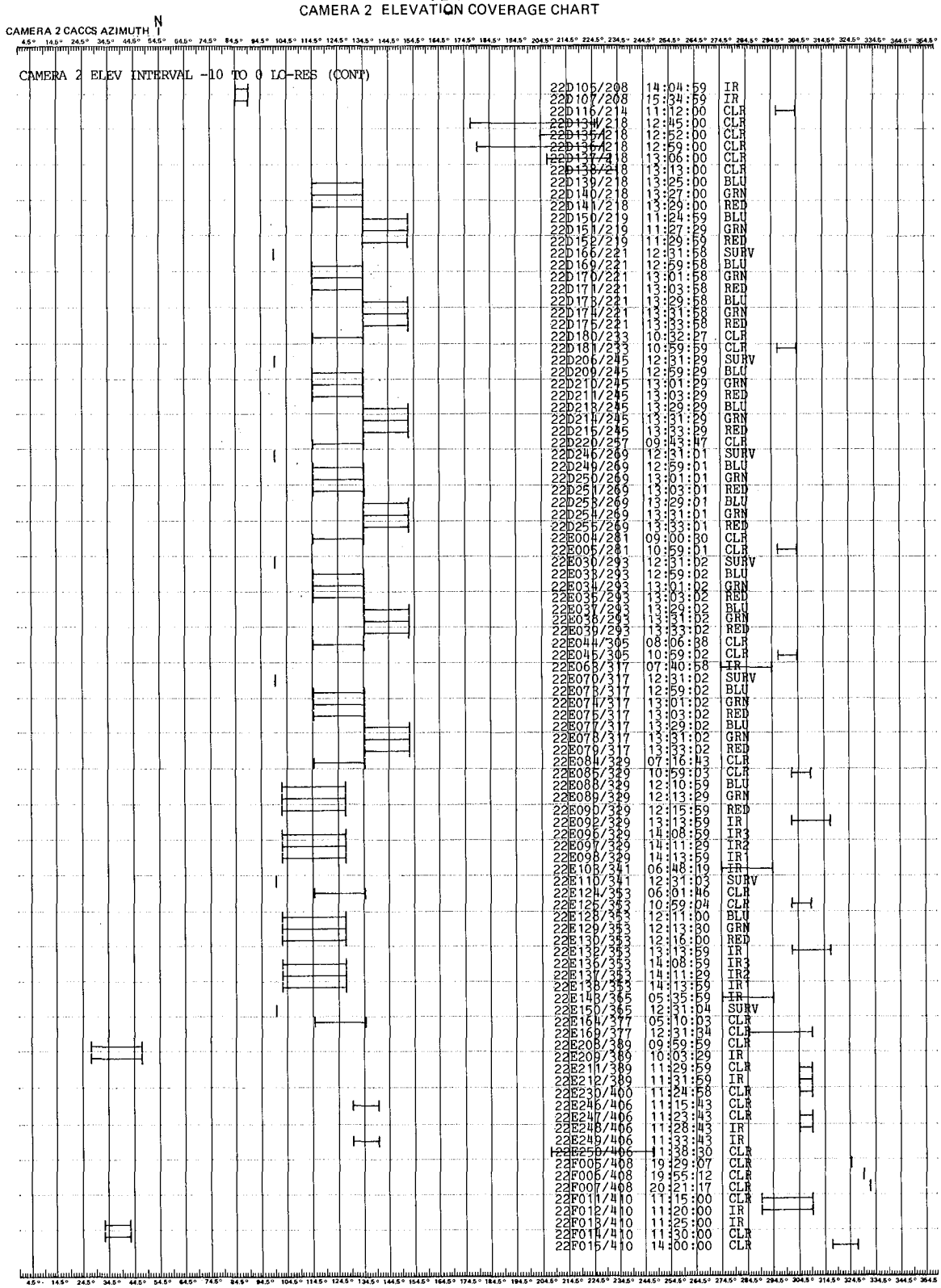


VL-2

CAMERA 2 ELEVATION COVERAGE CHART

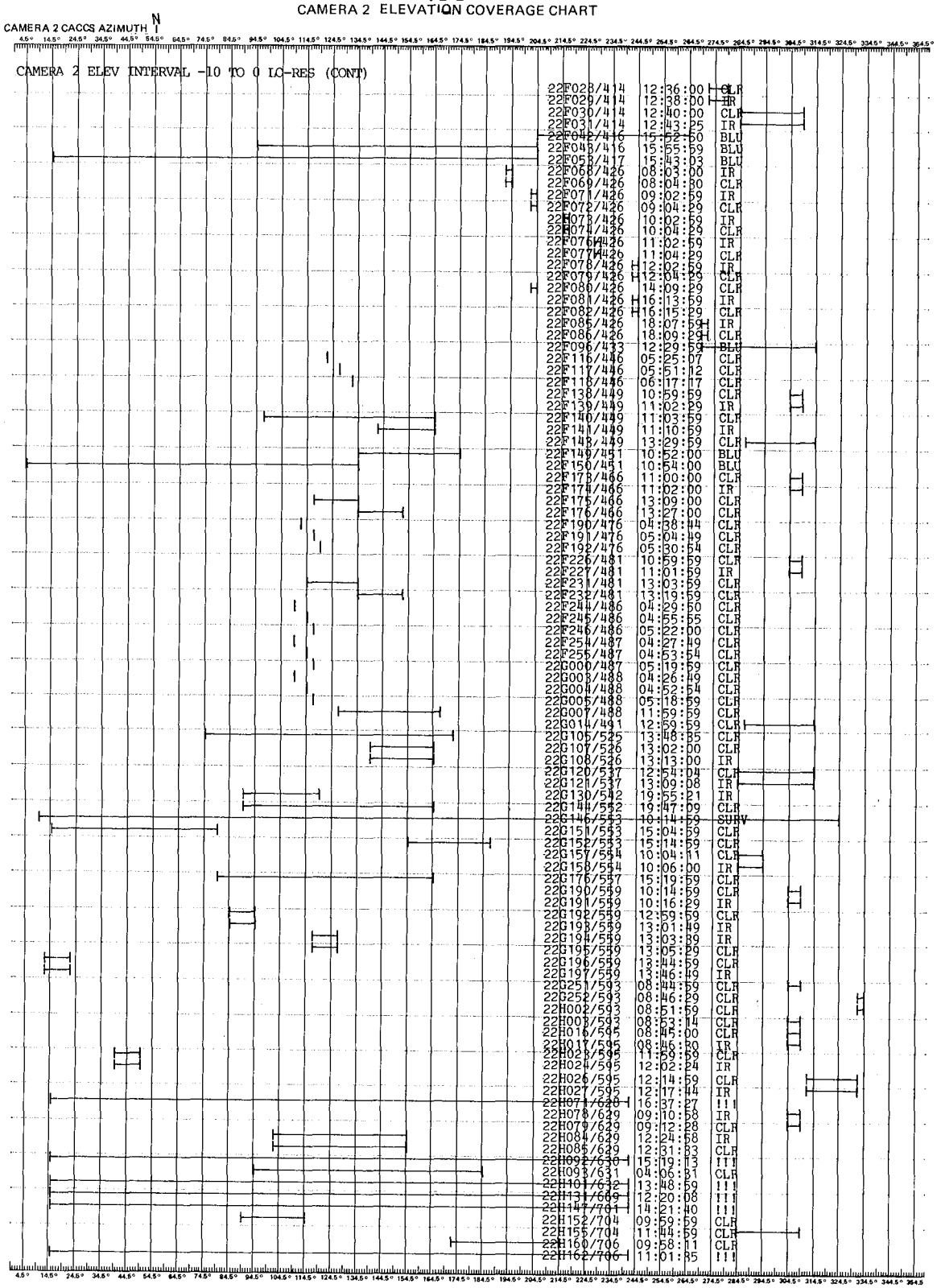


VL-2
CAMERA 2 ELEVATION COVERAGE CHART



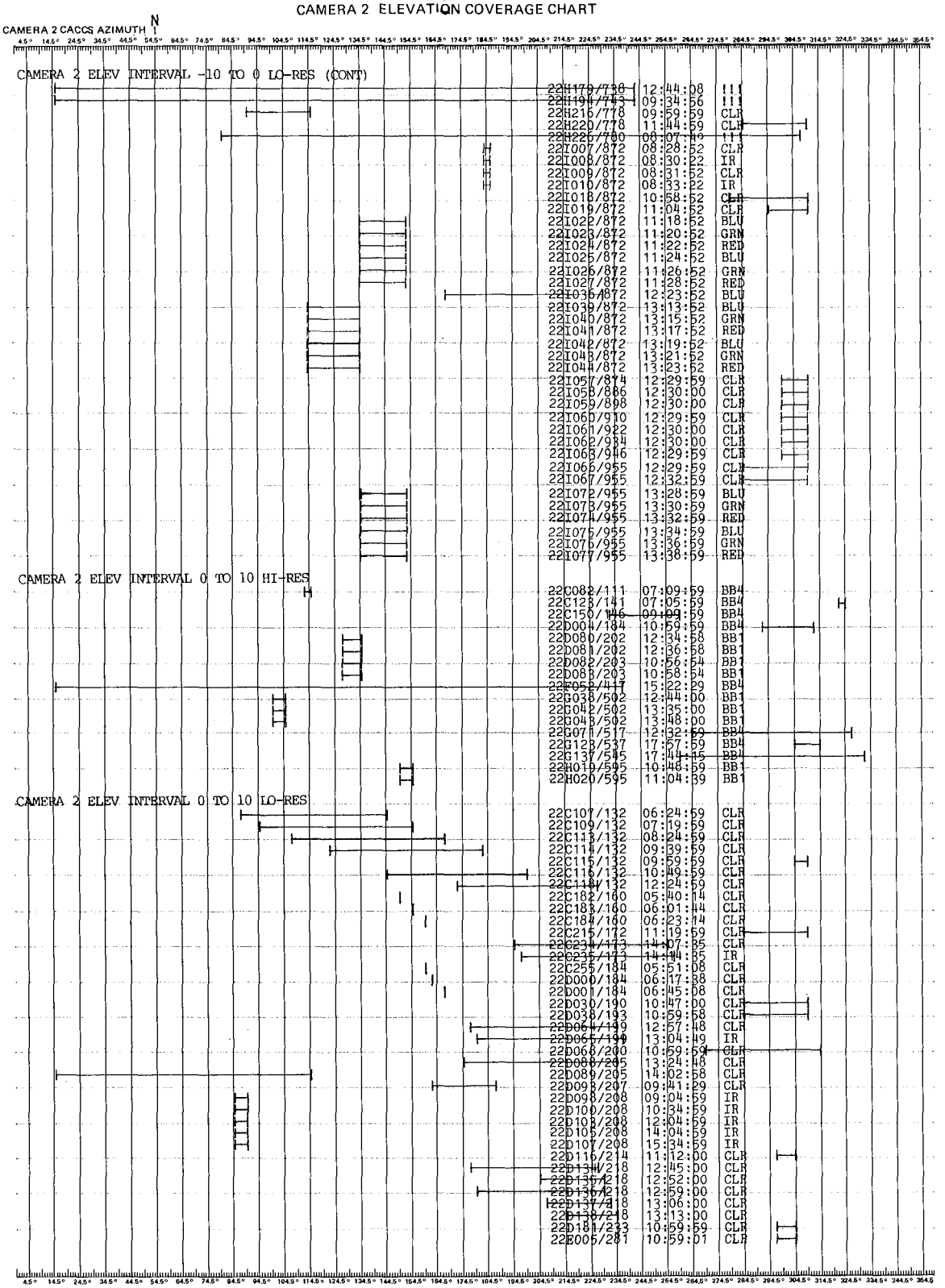
VL-2

CAMERA 2 ELEVATION COVERAGE CHART



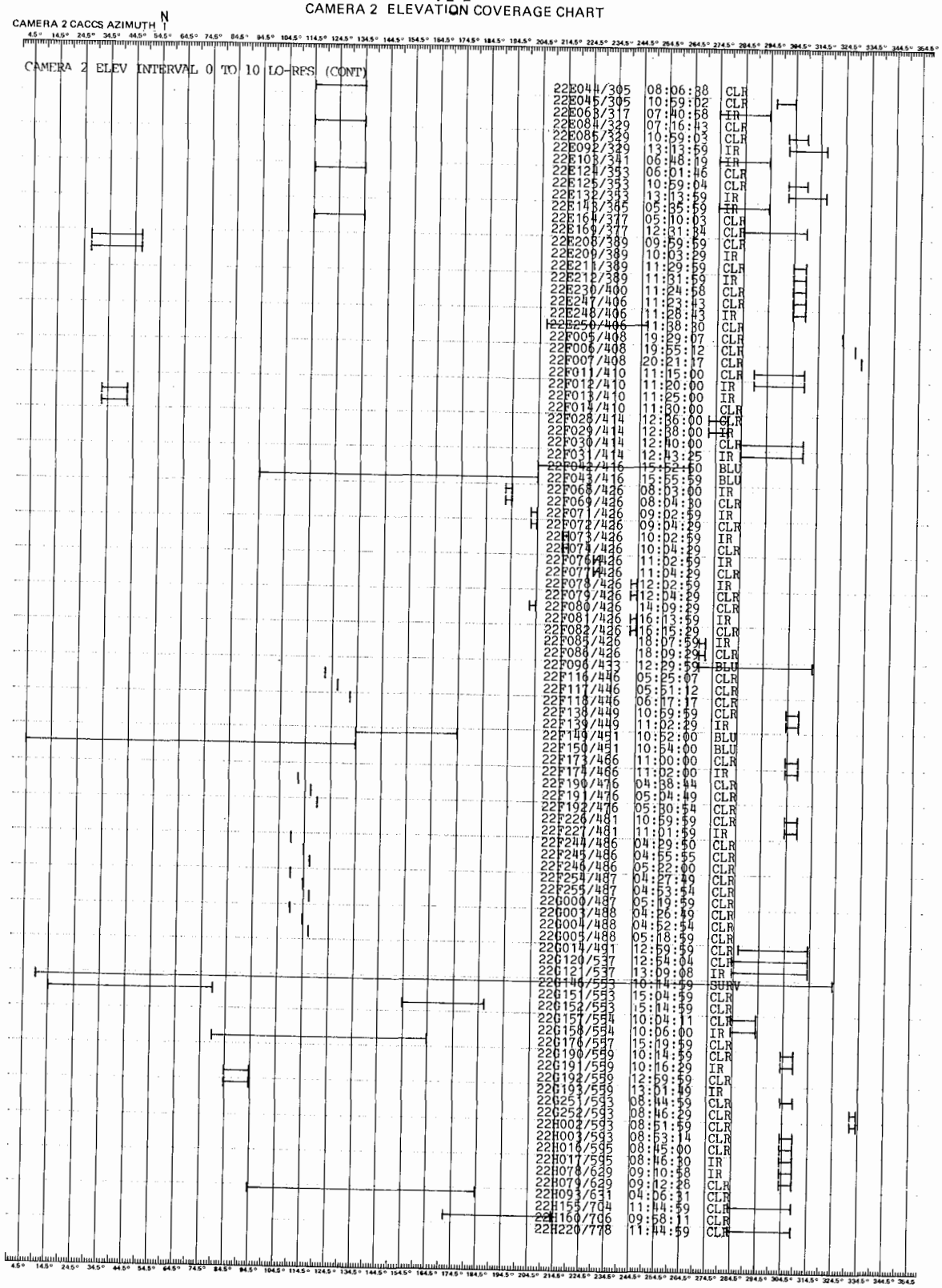
VL-2

CAMERA 2 ELEVATION COVERAGE CHART



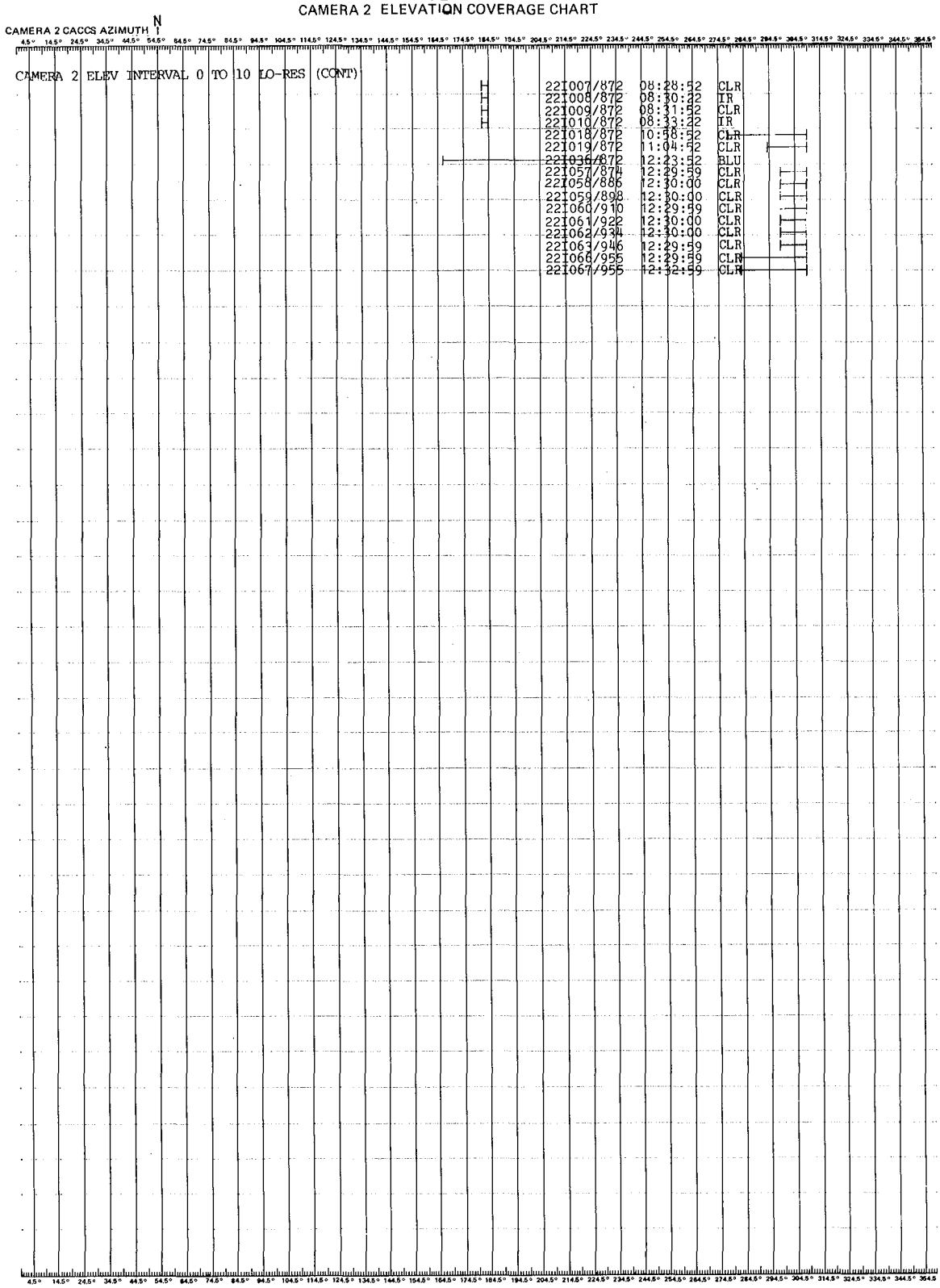
VL-2

CAMERA 2 ELEVATION COVERAGE CHART



VL-2

CAMERA 2 ELEVATION COVERAGE CHART



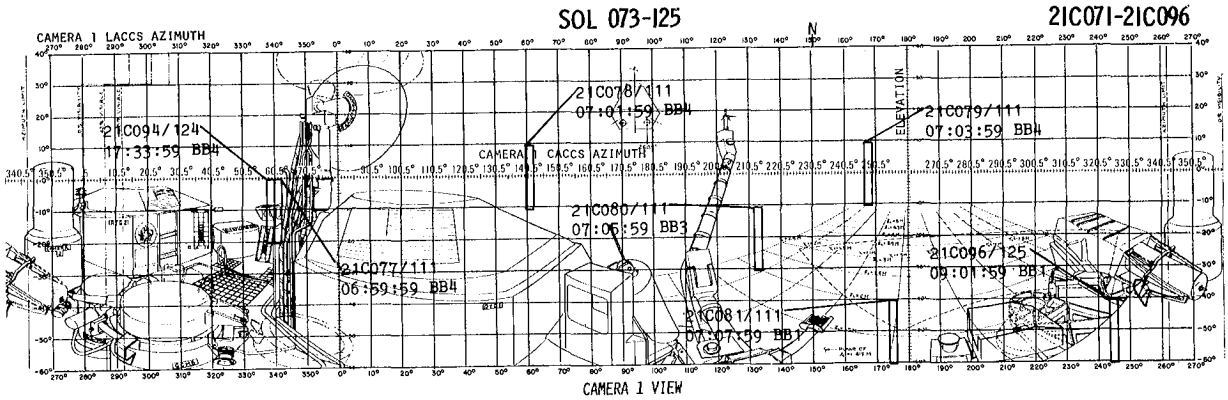
SKYLINE DRAWINGS

VL-2 SKYLINE DRAWINGS

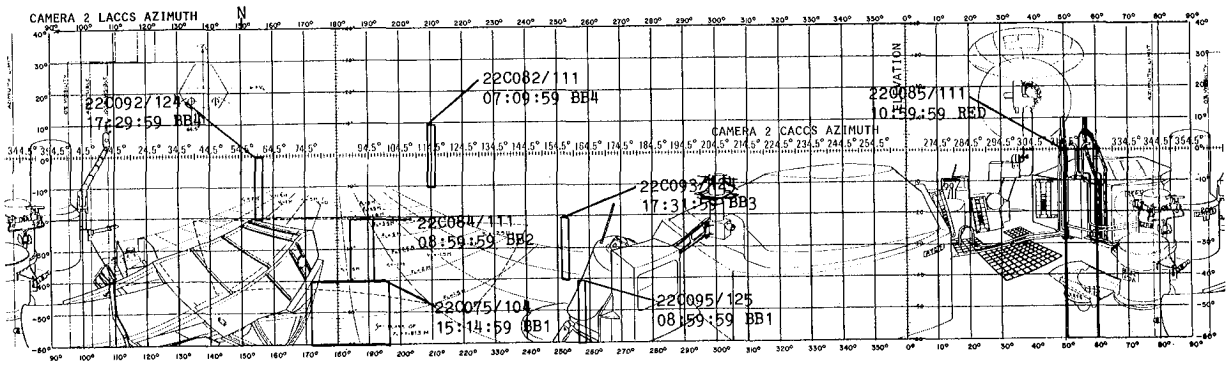
This section contains the skyline drawings for VL-2. The format for these drawings has been described in the section "Skyline Drawings."

SOL 073-125

21C071-21C096



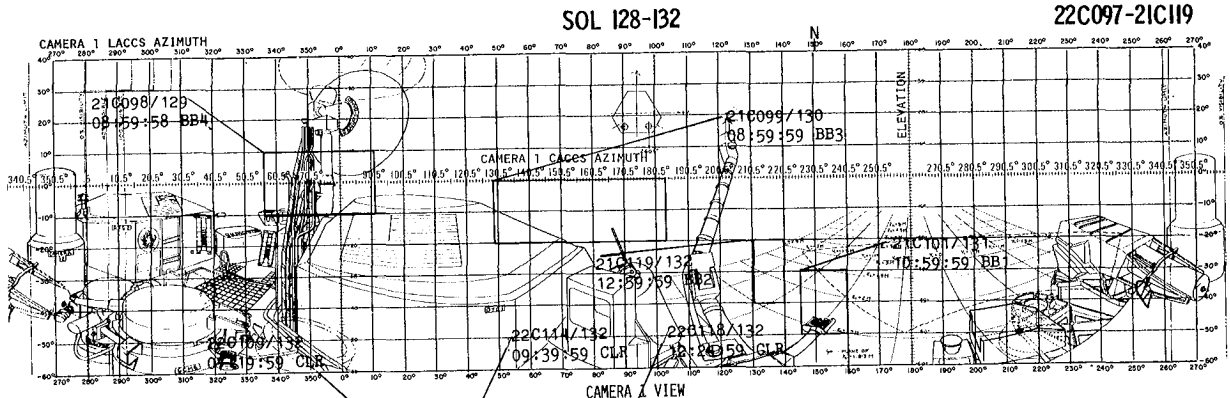
CAMERA 1 VIEW



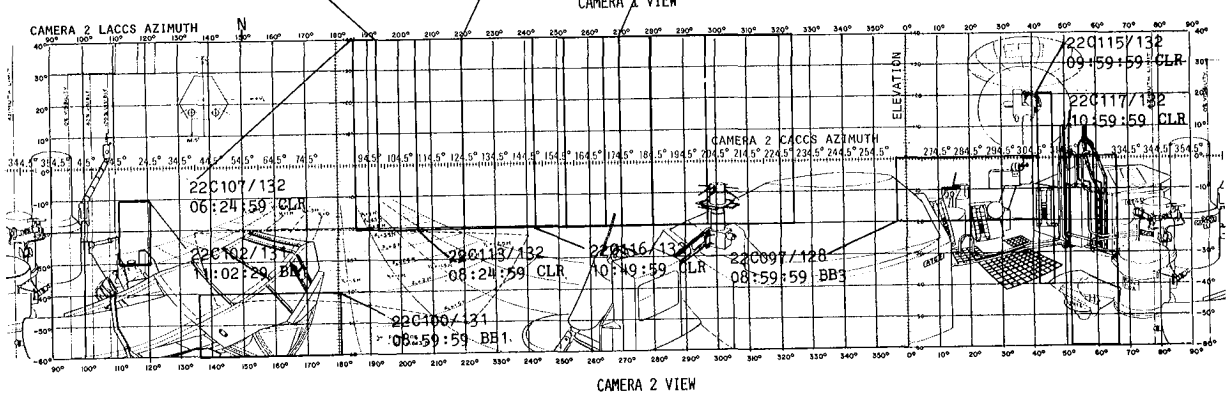
CAMERA 2 VIEW

SOL 128-132

22C097-21C119



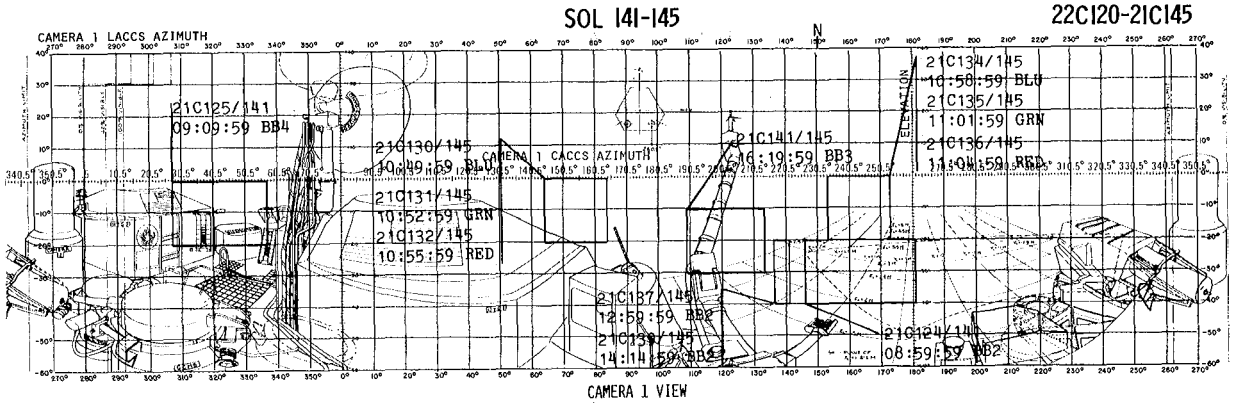
CAMERA 1 VIEW



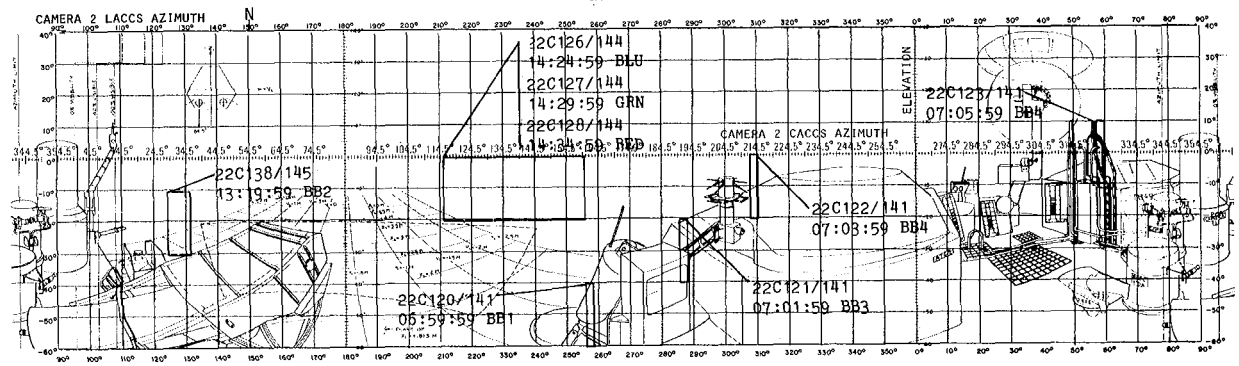
CAMERA 2 VIEW

SOL 141-145

22C120-21C145



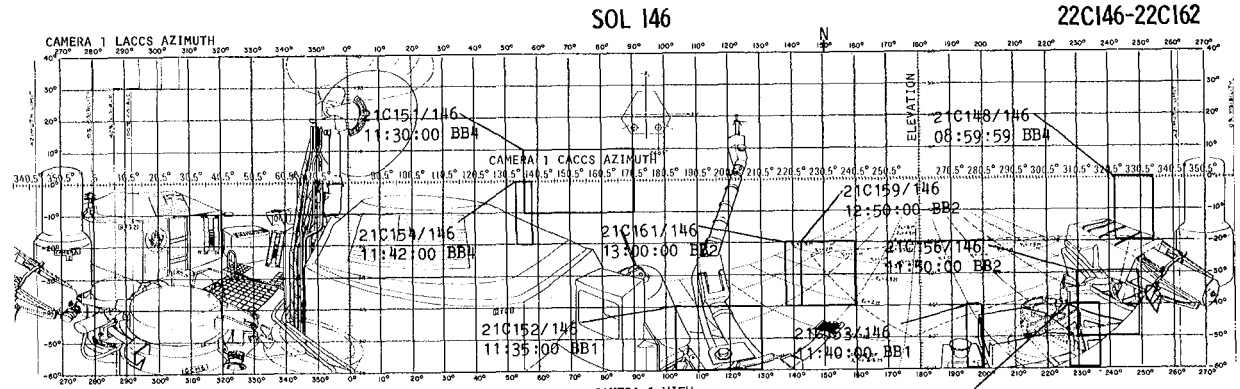
CAMERA 1 VIEW



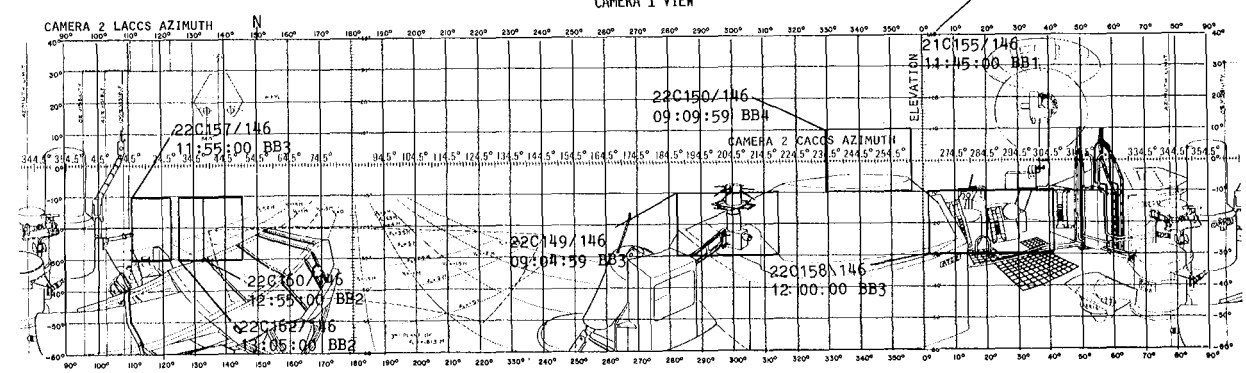
CAMERA 2 VIEW

SOL 146

22C146-22C162



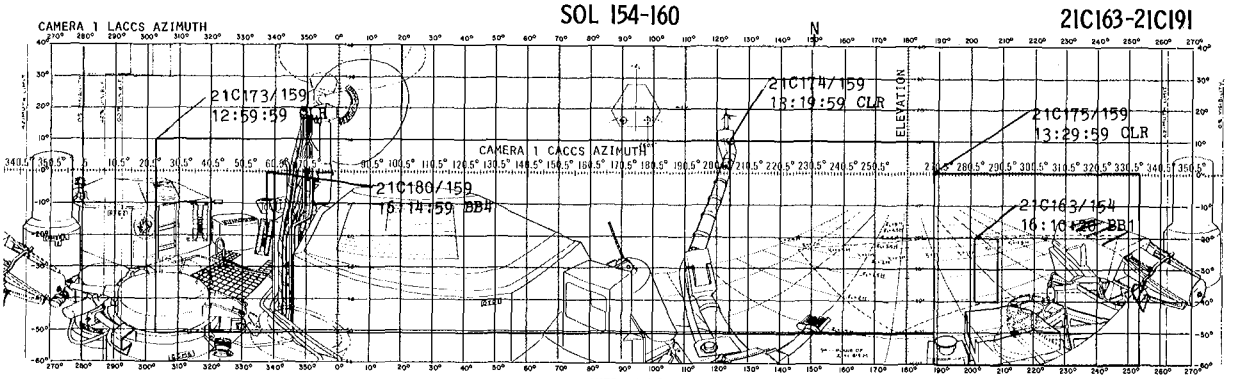
CAMERA 1 VIEW



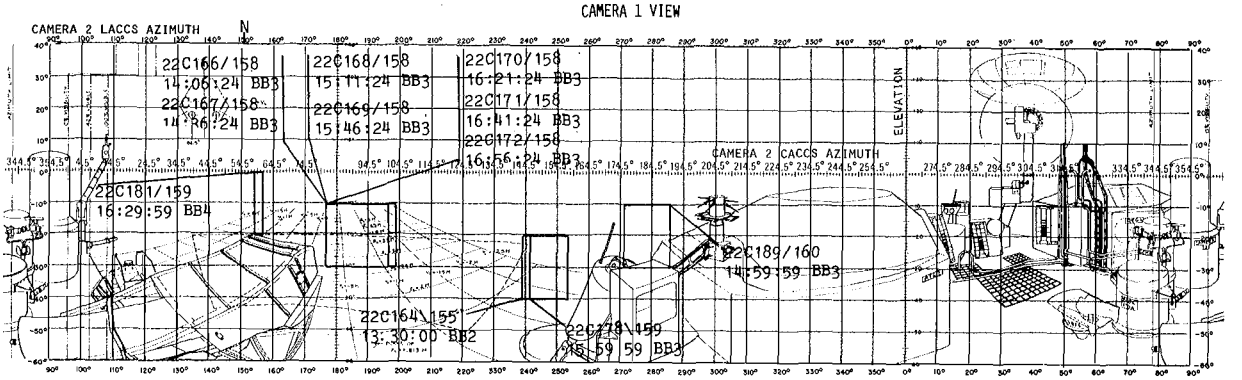
CAMERA 2 VIEW

SOL 154-160

21C163-21C191



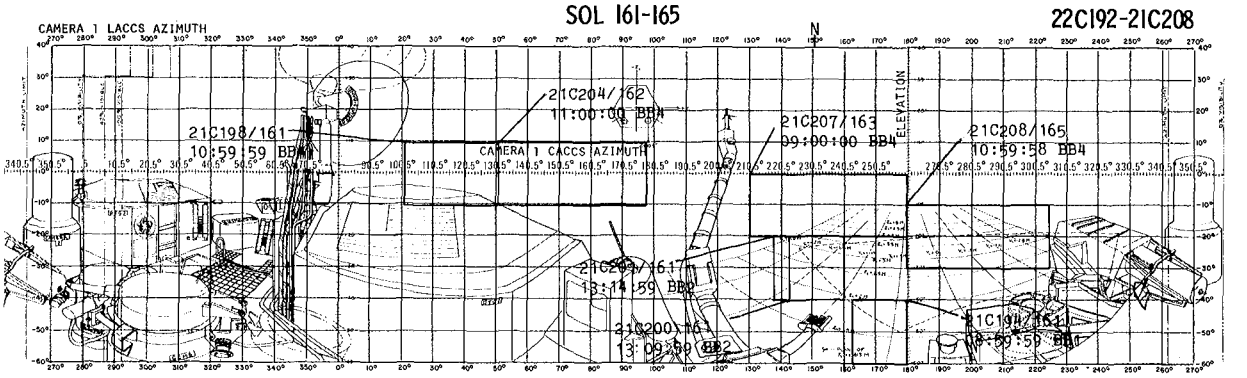
CAMERA 1 VIEW



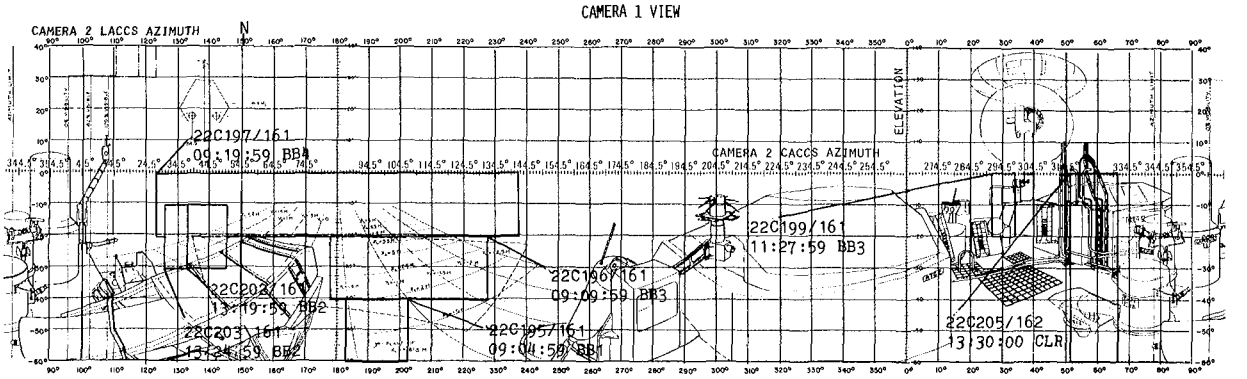
CAMERA 2 VIEW

SOL 161-165

22C192-21C208



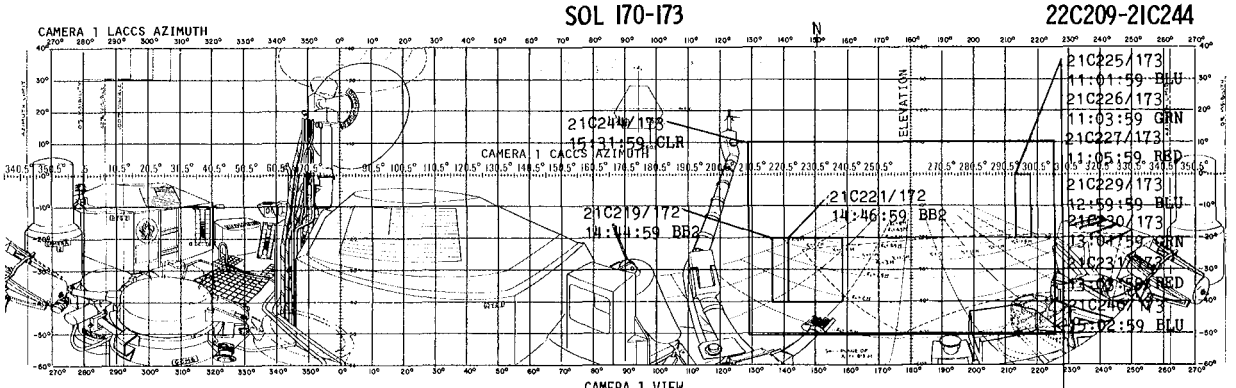
CAMERA 1 VIEW



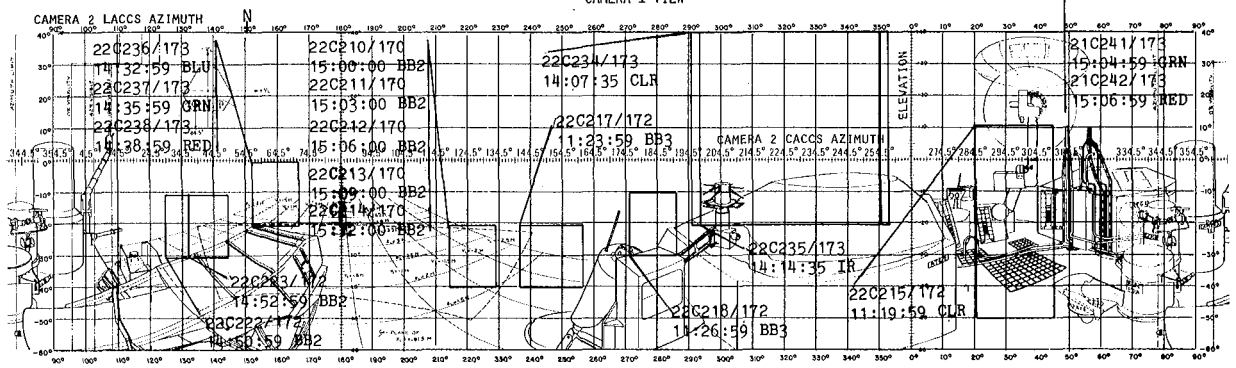
CAMERA 2 VIEW

SOL 170-173

22C209-21C244



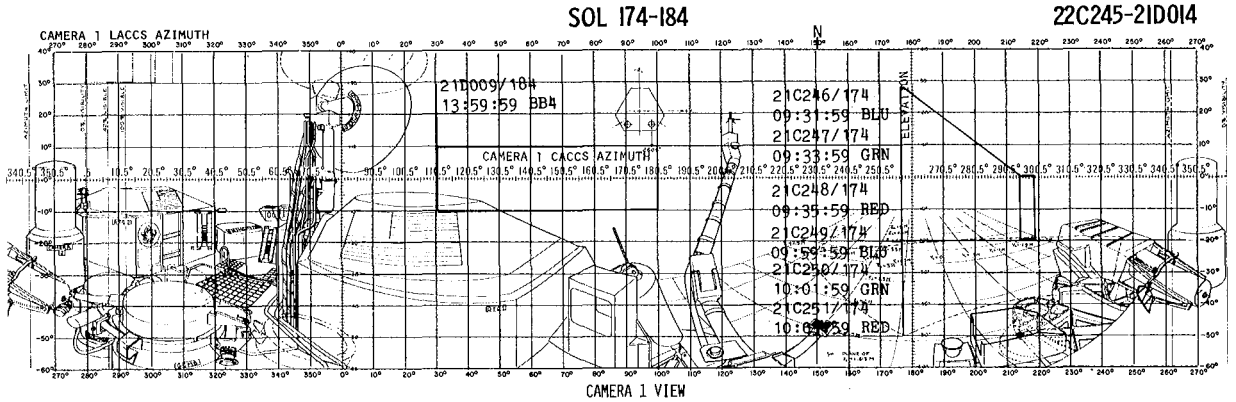
CAMERA 1 VIEW



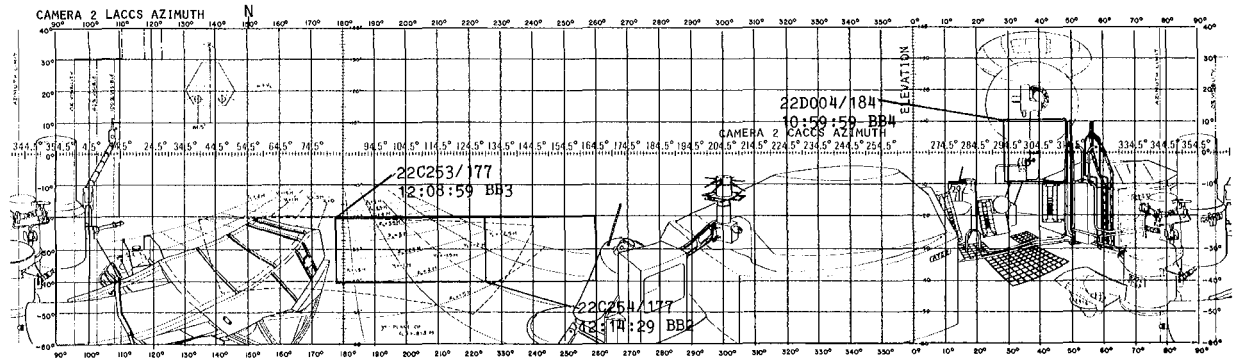
CAMERA 2 VIEW

SOL 174-184

22C245-21D014



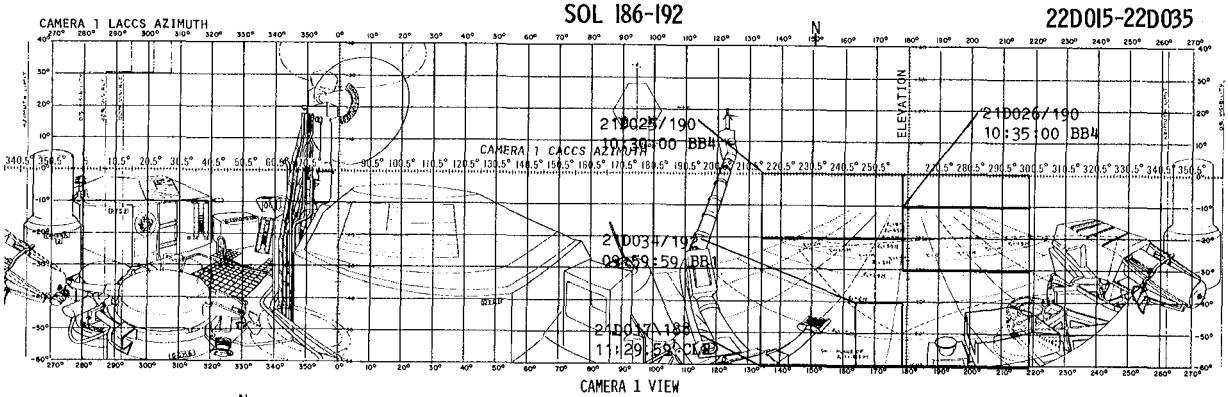
CAMERA 1 VIEW



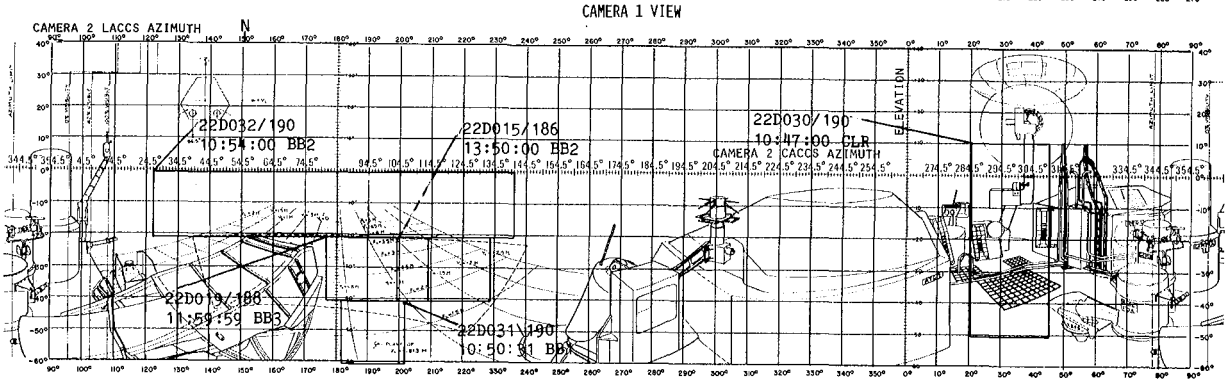
CAMERA 2 VIEW

SOL 186-192

22D015-22D035



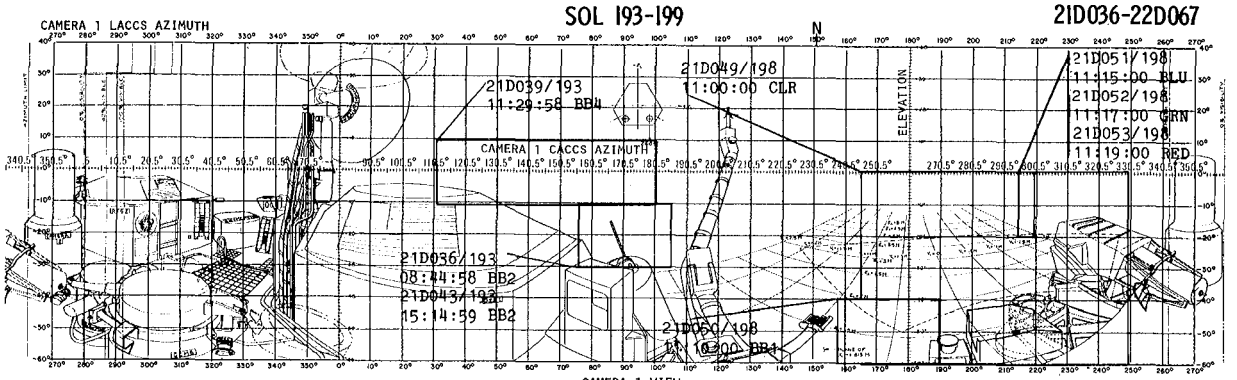
CAMERA 1 VIEW



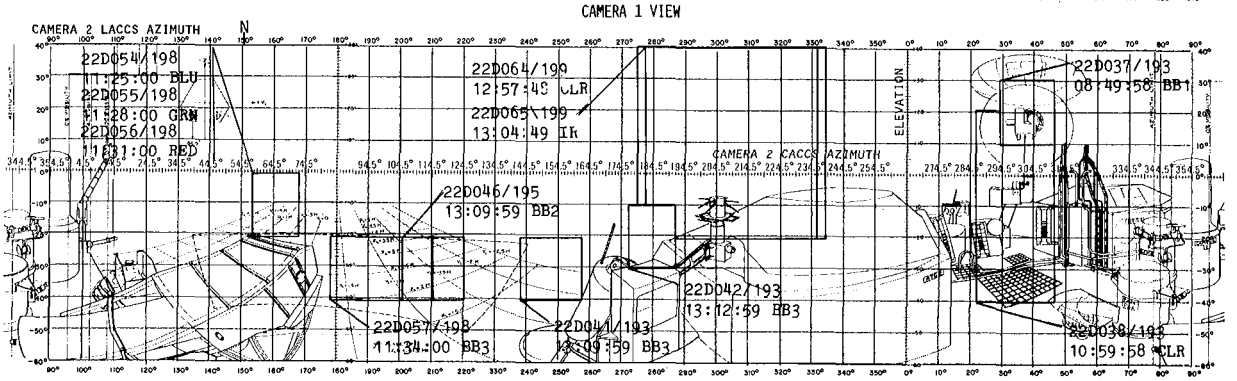
CAMERA 2 VIEW

SOL 193-199

21D036-22D067



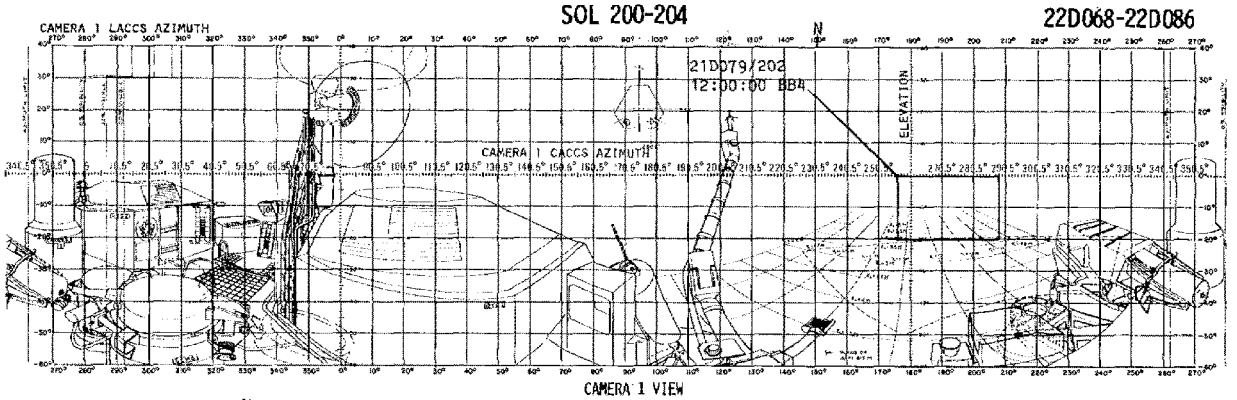
CAMERA 1 VIEW



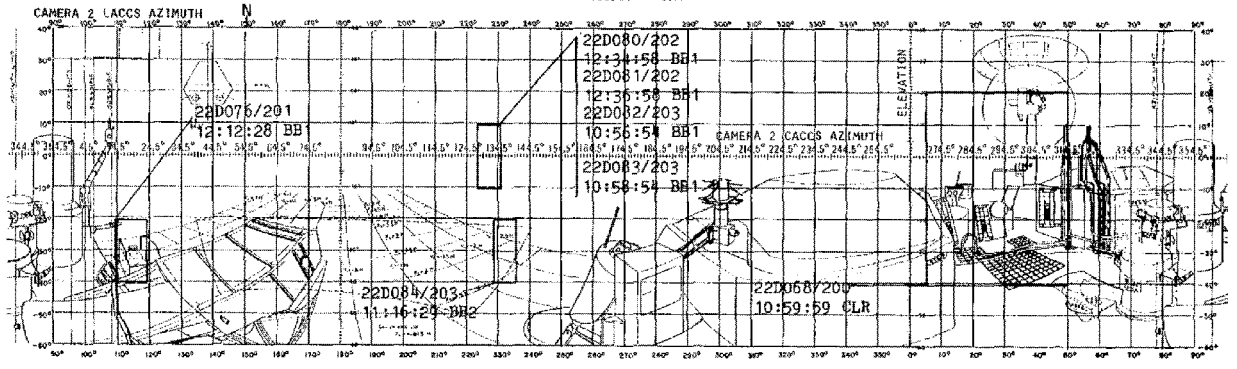
CAMERA 2 VIEW

SOL 200-204

22D068-22D086



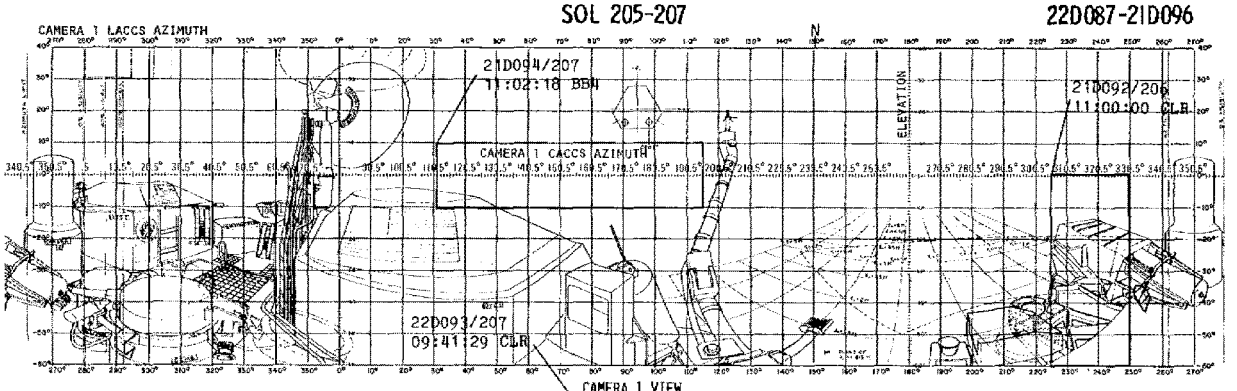
CAMERA 1 VIEW



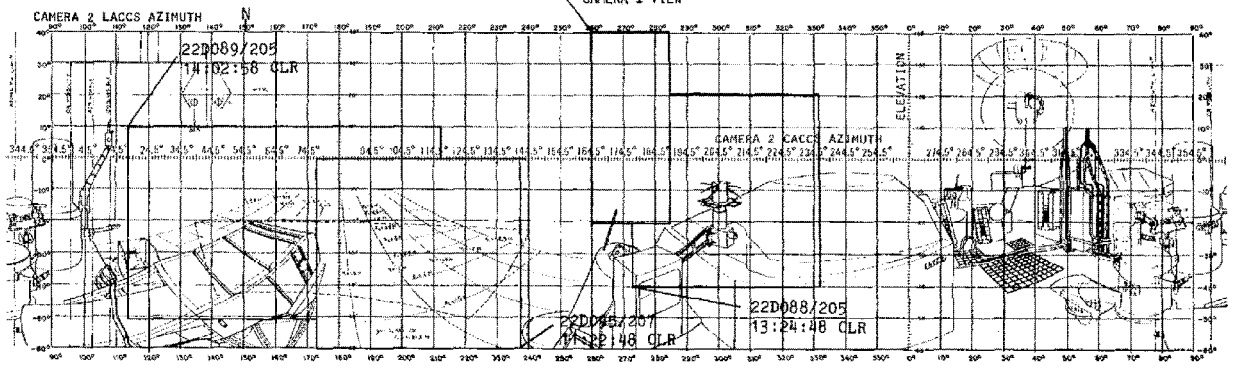
CAMERA 2 VIEW

SOL 205-207

22D087-21D096



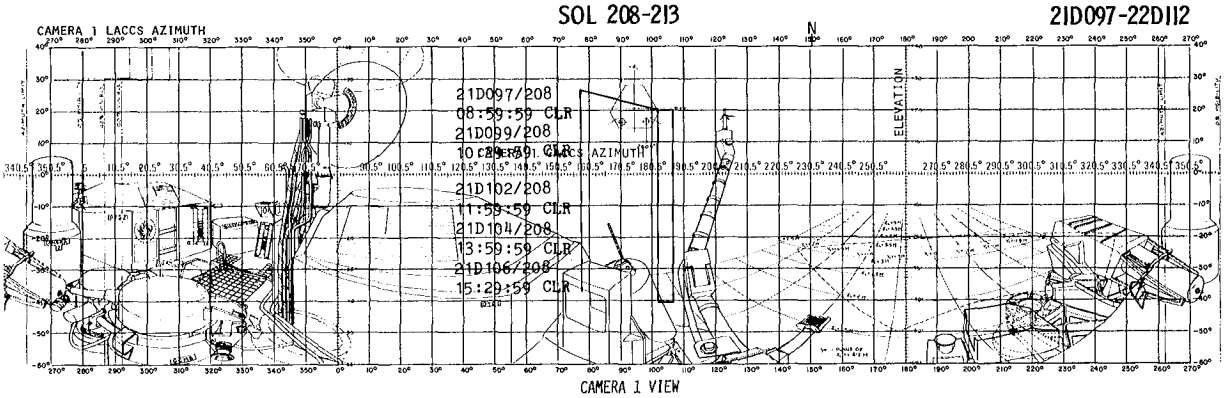
CAMERA 1 VIEW



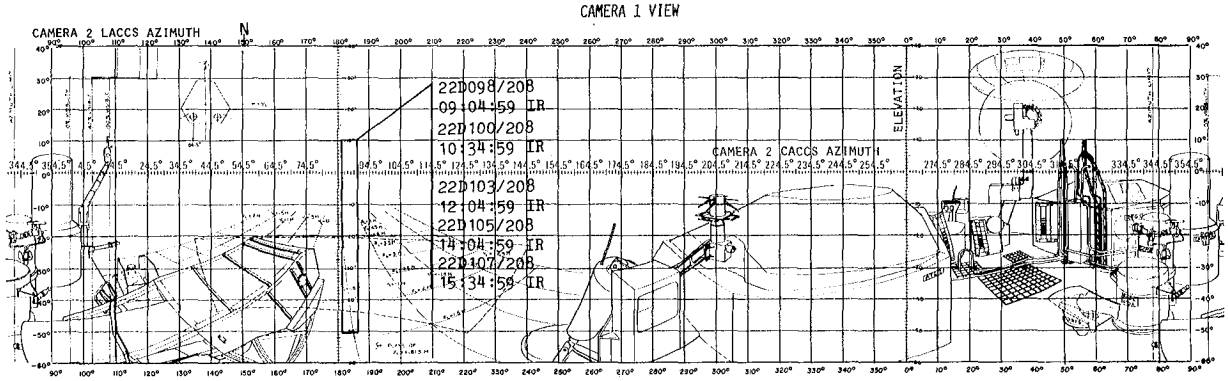
CAMERA 2 VIEW

SOL 208-213

21D097-22D112



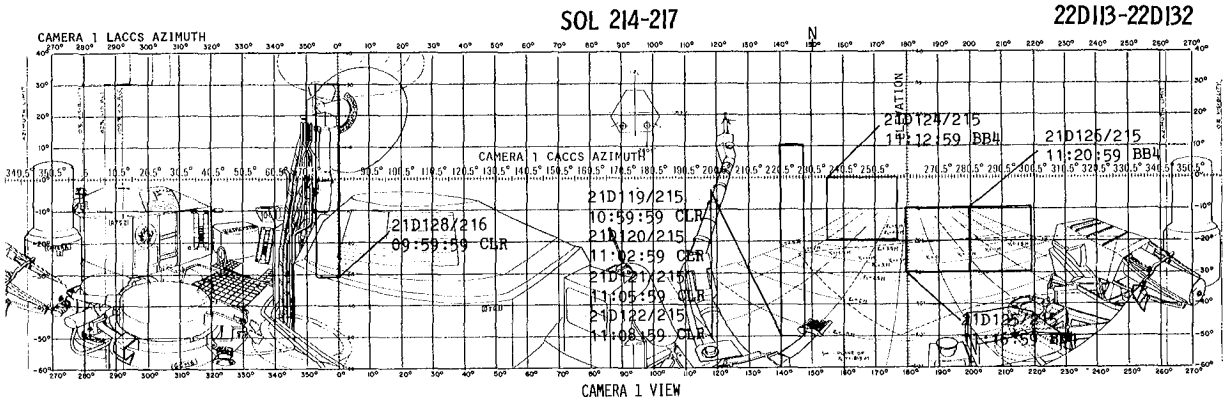
CAMERA 1 VIEW



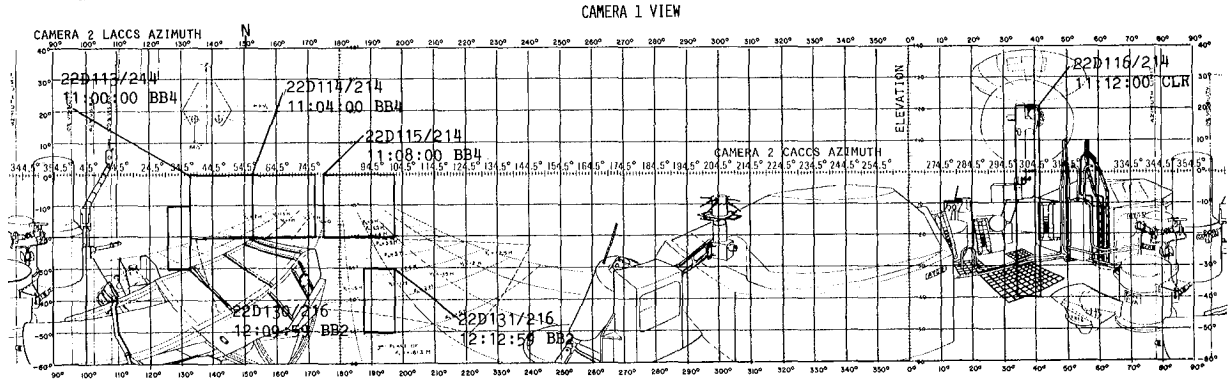
CAMERA 2 VIEW

SOL 214-217

22D113-22D132



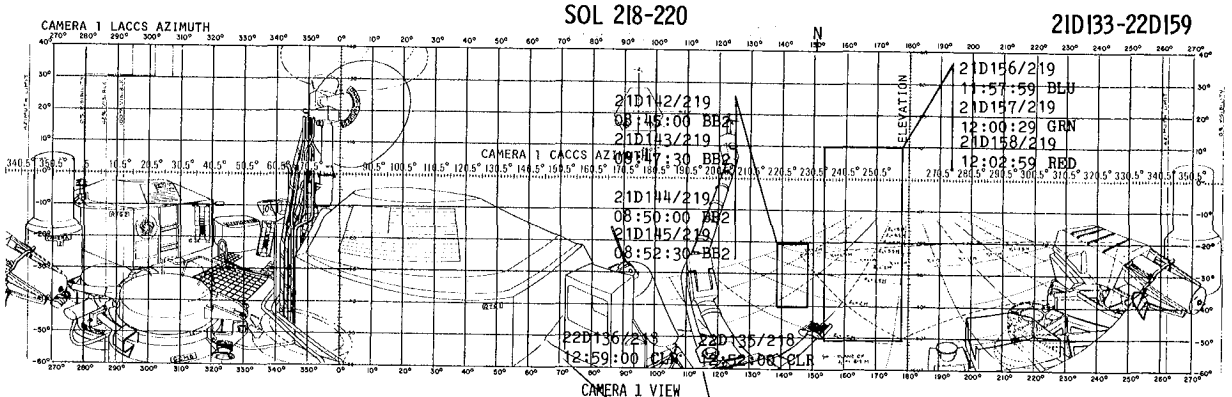
CAMERA 1 VIEW



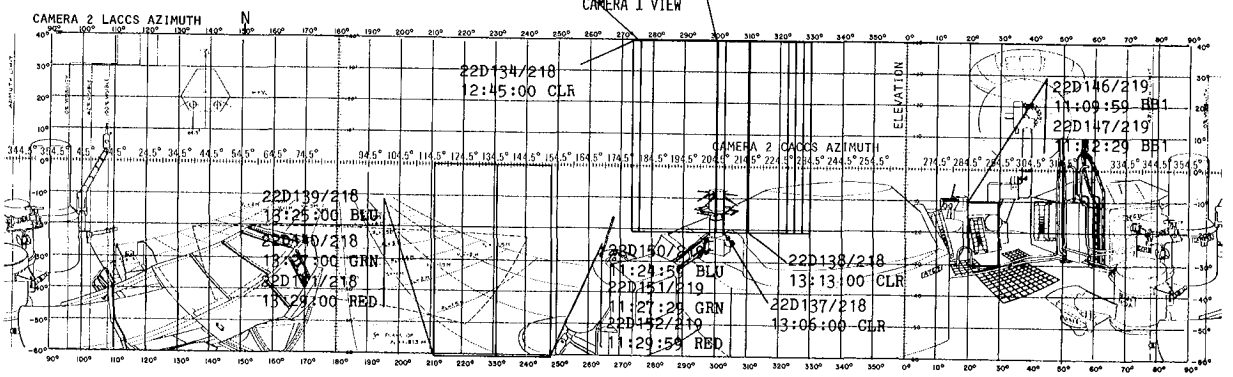
CAMERA 2 VIEW

SOL 218-220

21D133-22D159



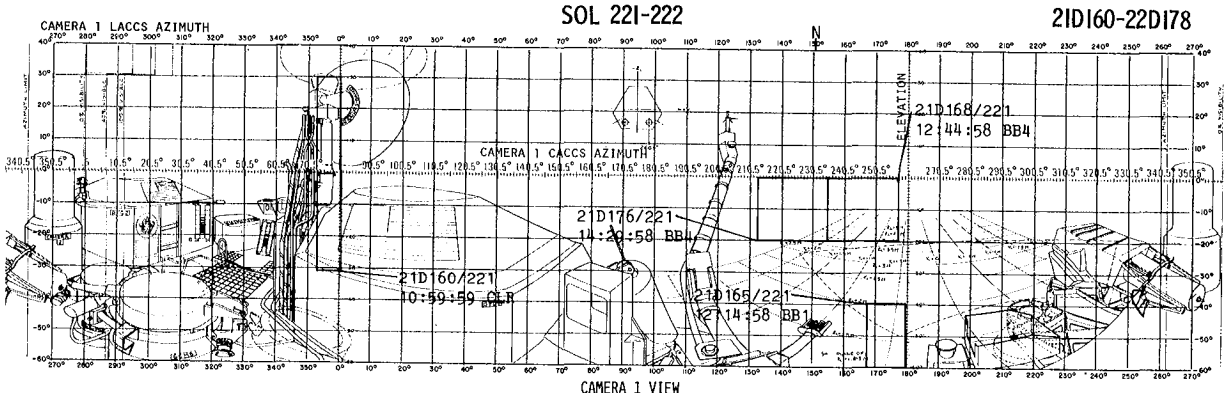
CAMERA 1 VIEW



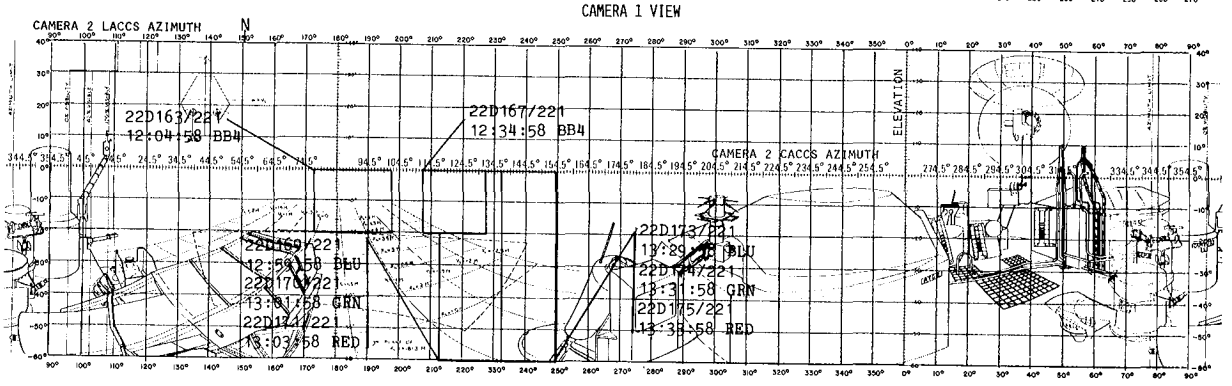
CAMERA 2 VIEW

SOL 221-222

21D160-22D178



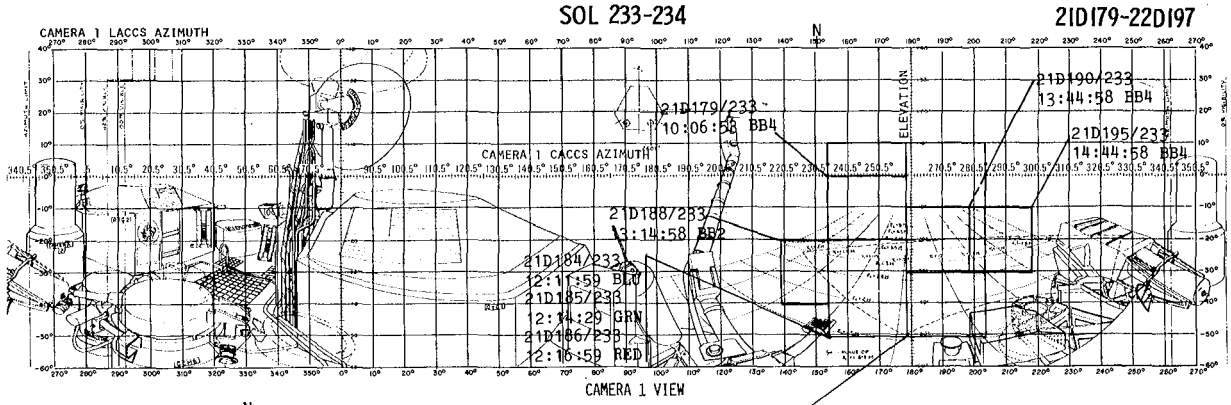
CAMERA 1 VIEW



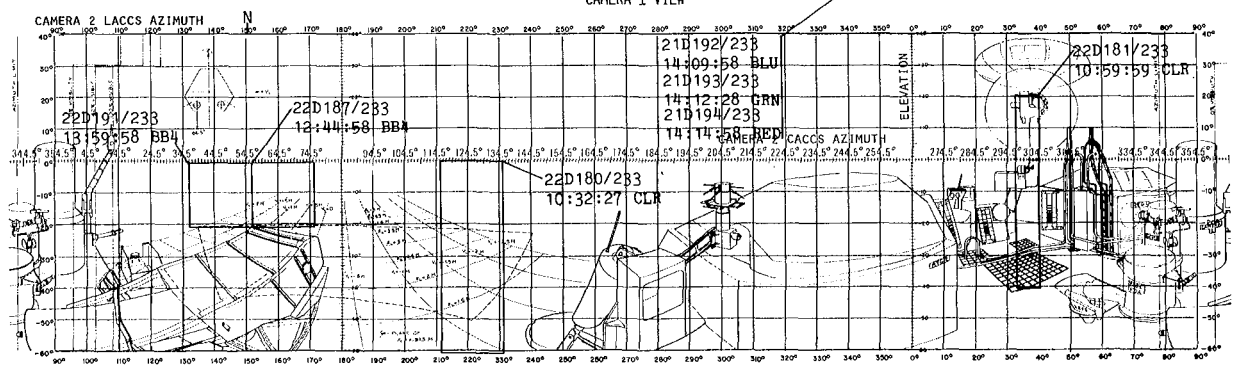
CAMERA 2 VIEW

SOL 233-234

21D179-22D197



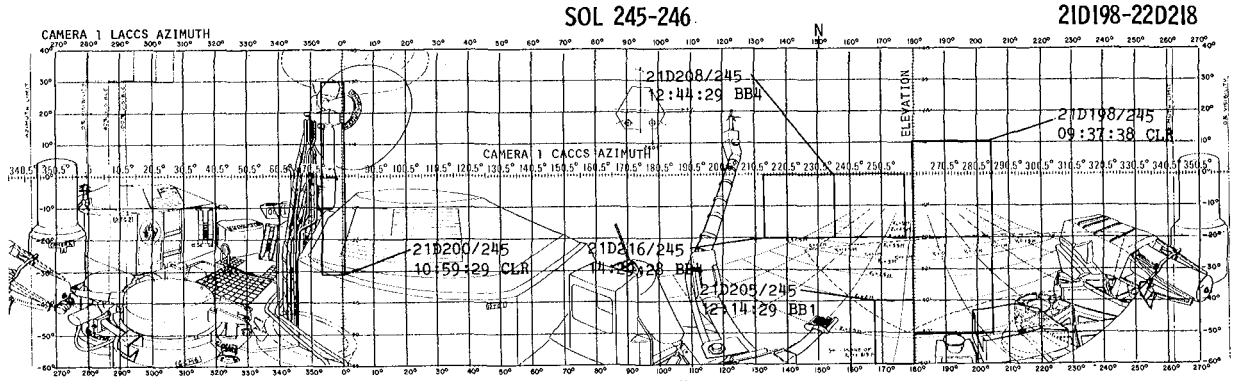
CAMERA 1 VIEW



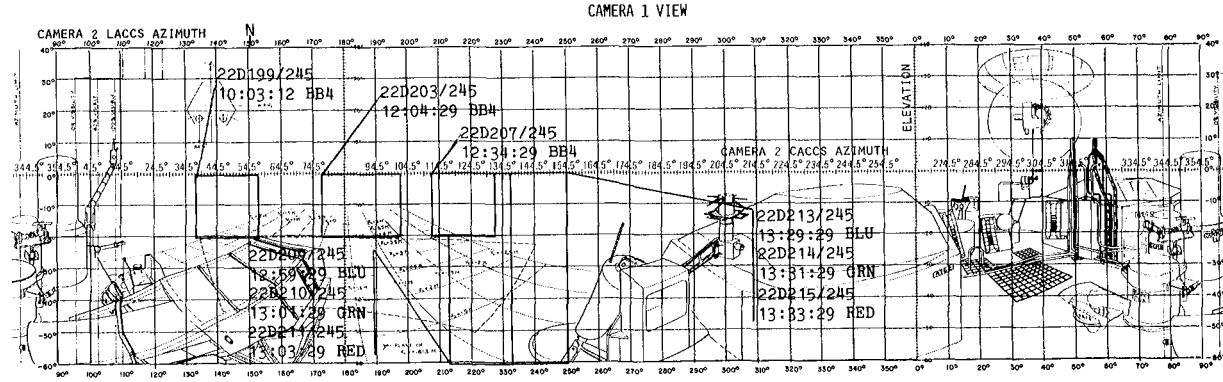
CAMERA 2 VIEW

SOL 245-246

21D198-22D218



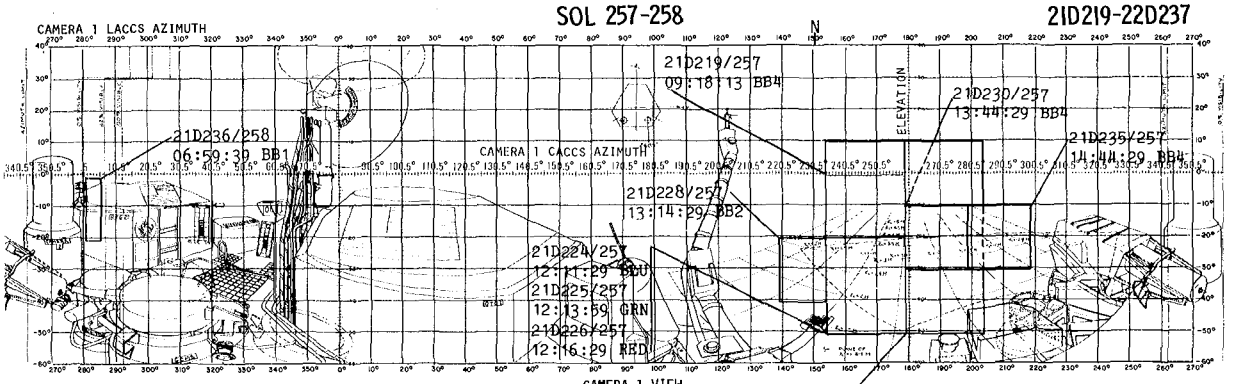
CAMERA 1 VIEW



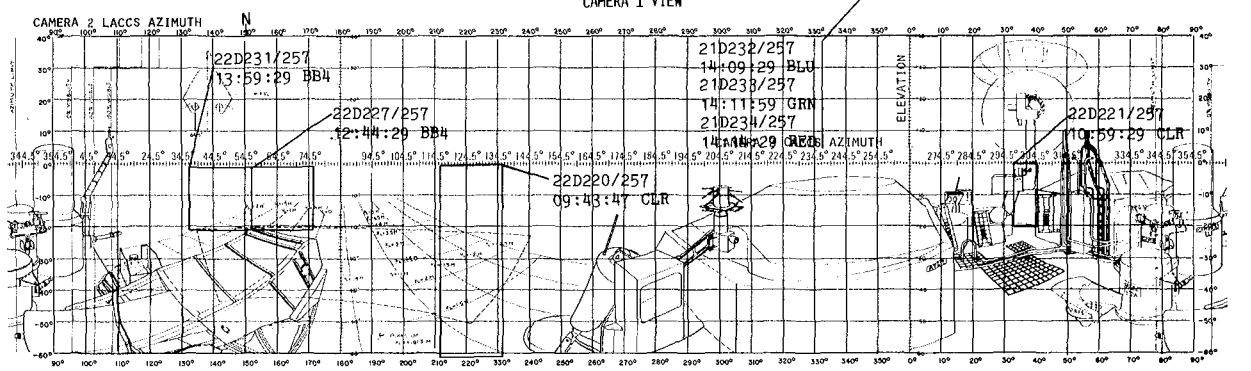
CAMERA 2 VIEW

SOL 257-258

21D219-22D237



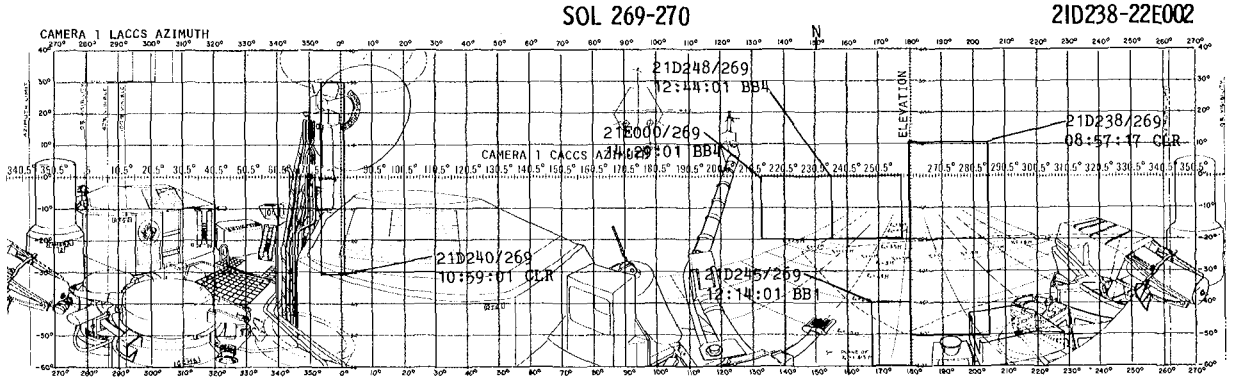
CAMERA 1 VIEW



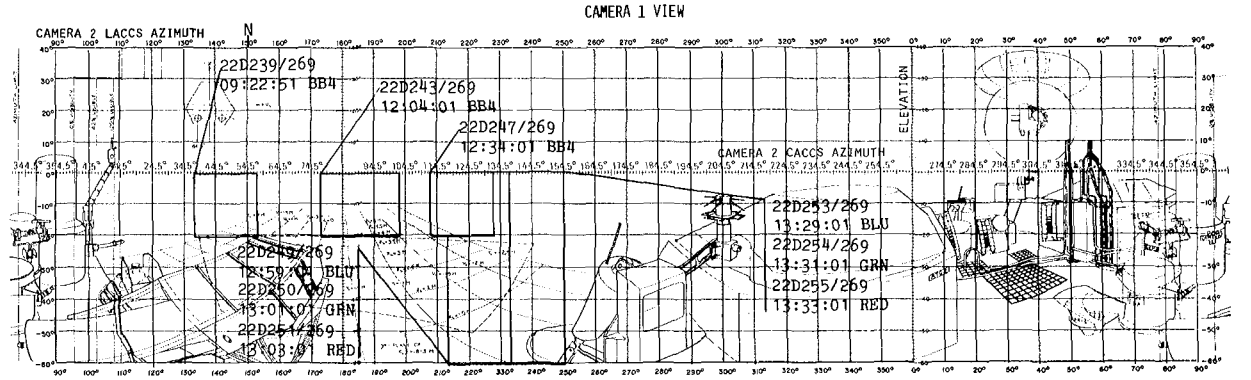
CAMERA 2 VIEW

SOL 269-270

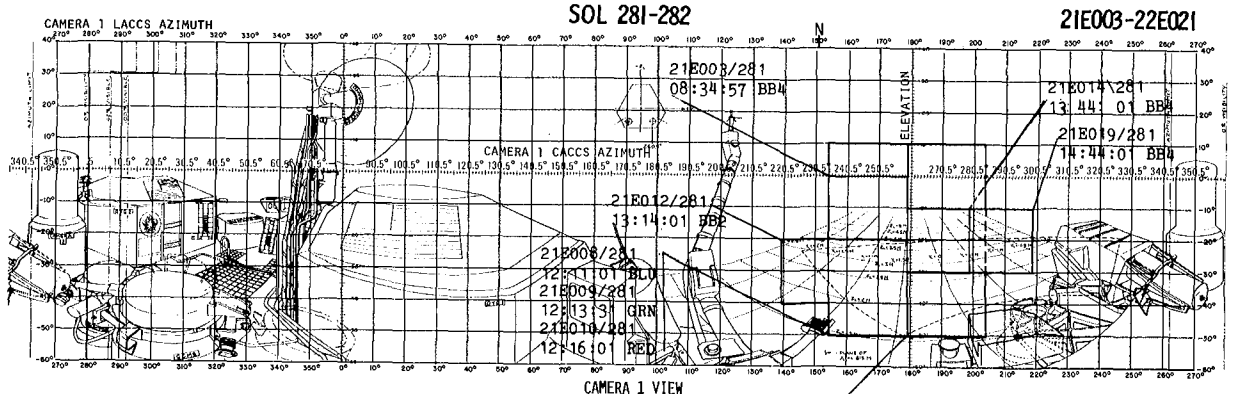
21D238-22E002



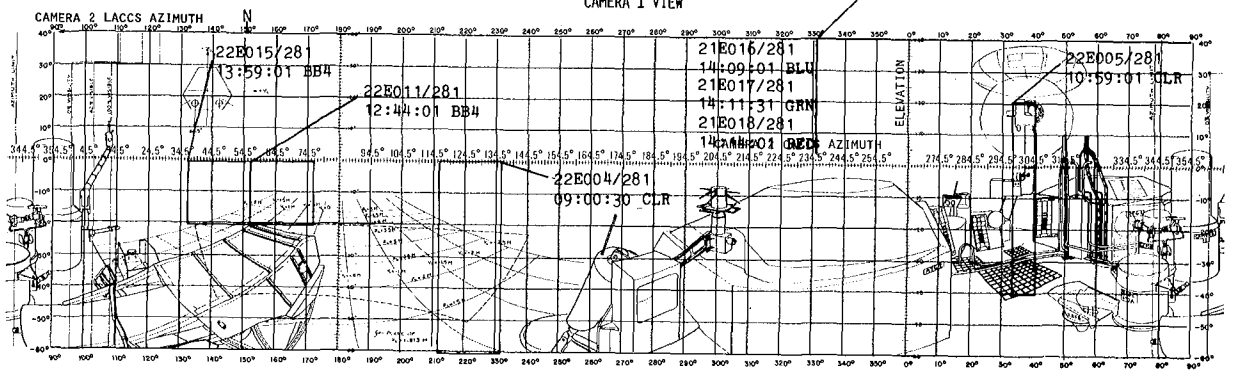
CAMERA 1 VIEW



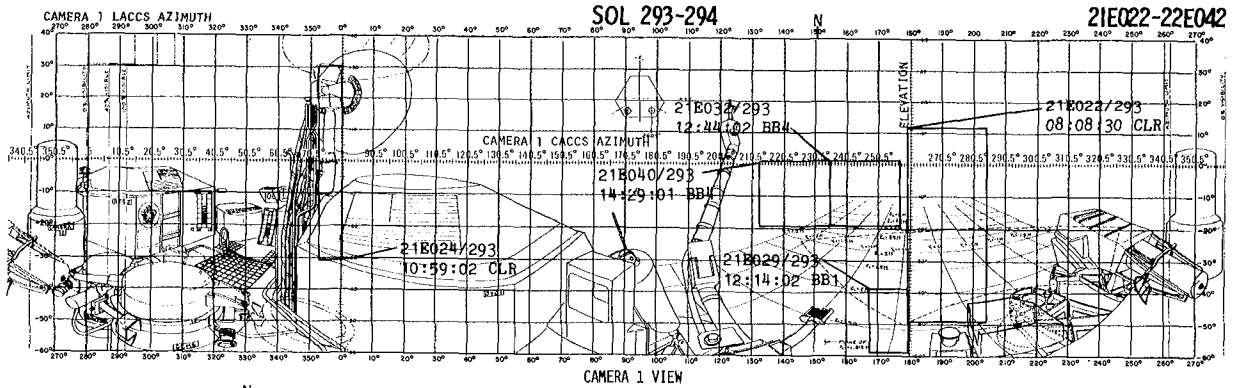
CAMERA 2 VIEW



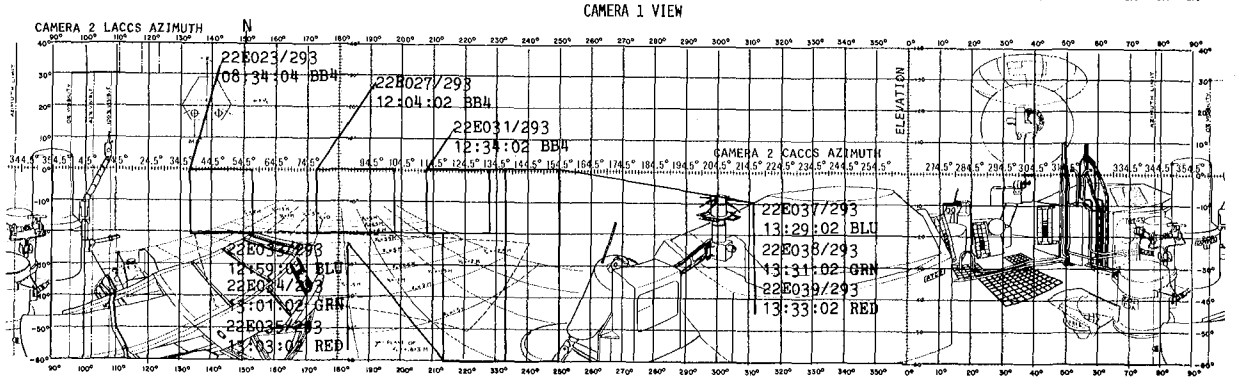
CAMERA 1 VIEW



CAMERA 2 VIEW



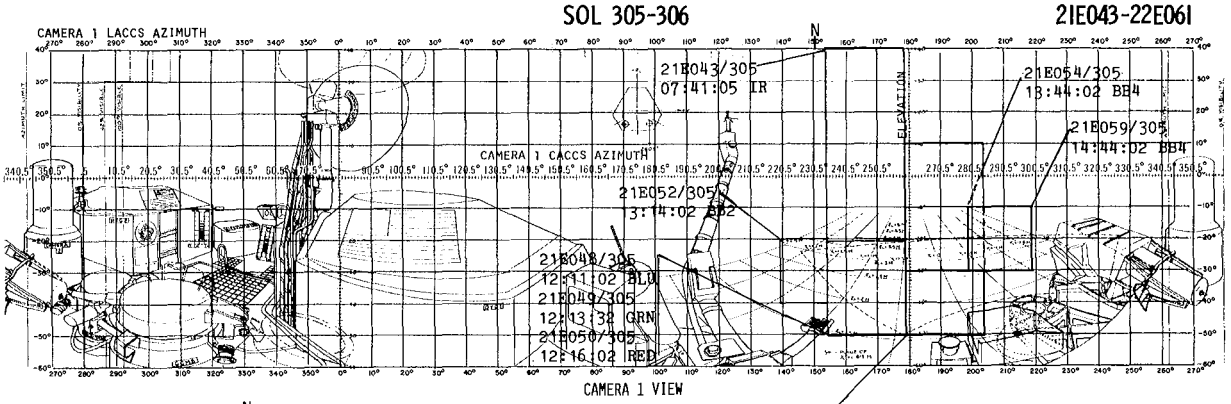
CAMERA 1 VIEW



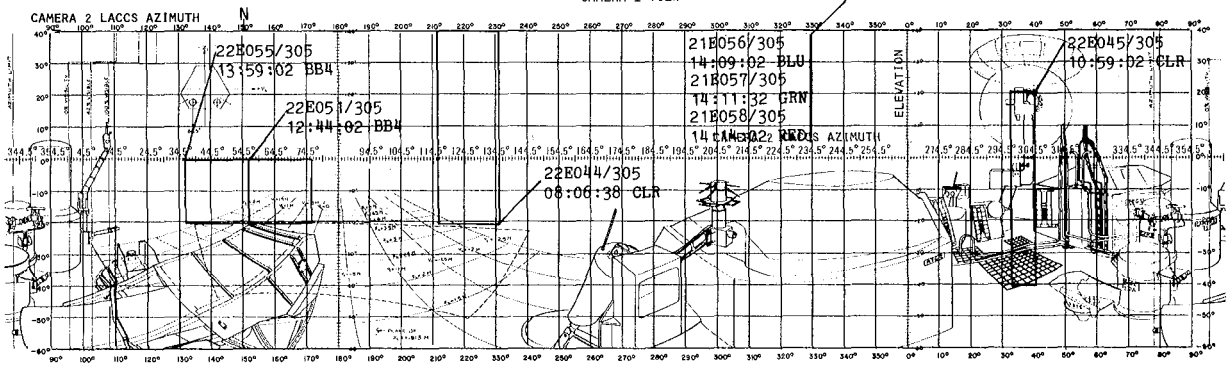
CAMERA 2 VIEW

SOL 305-306

21E043-22E061



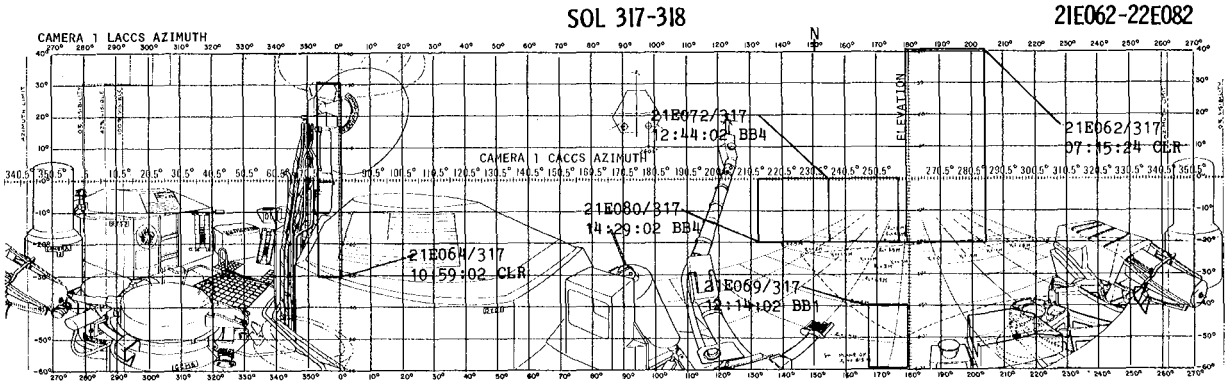
CAMERA 1 VIEW



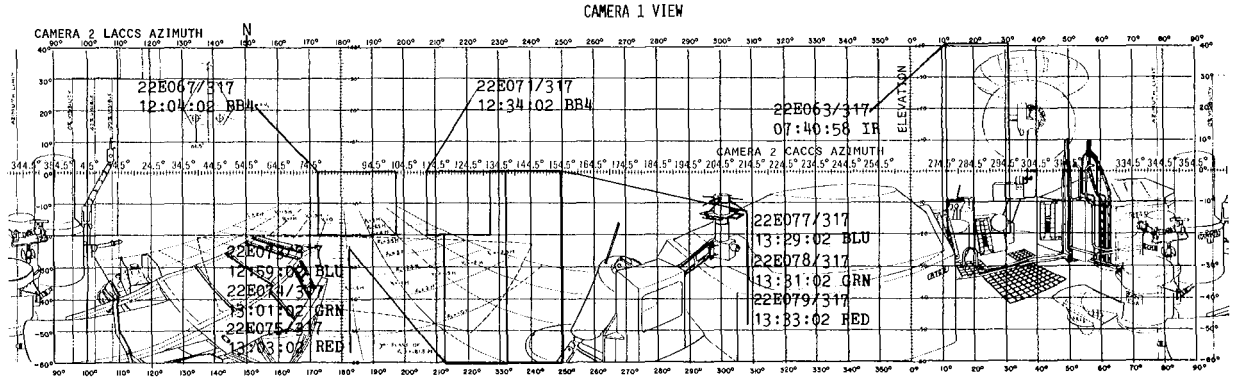
CAMERA 2 VIEW

SOL 317-318

21E062-22E082



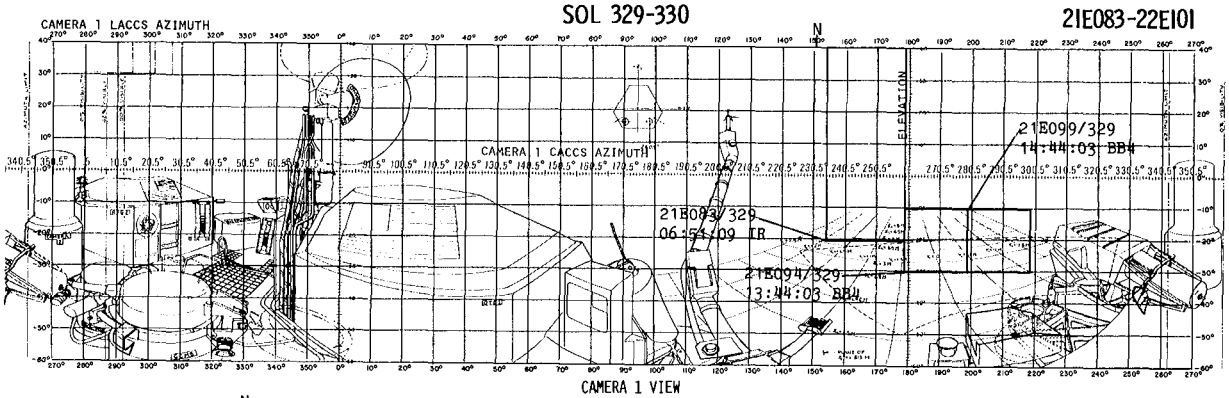
CAMERA 1 VIEW



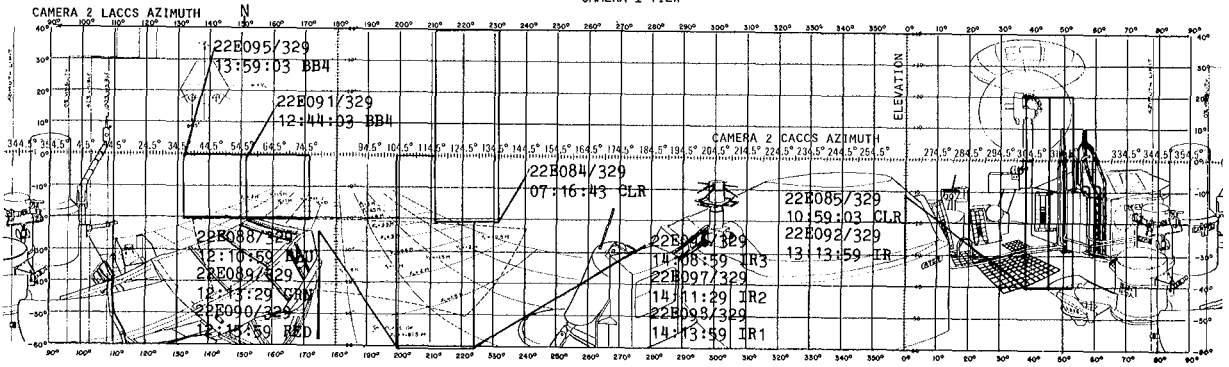
CAMERA 2 VIEW

SOL 329-330

21E083-22E101



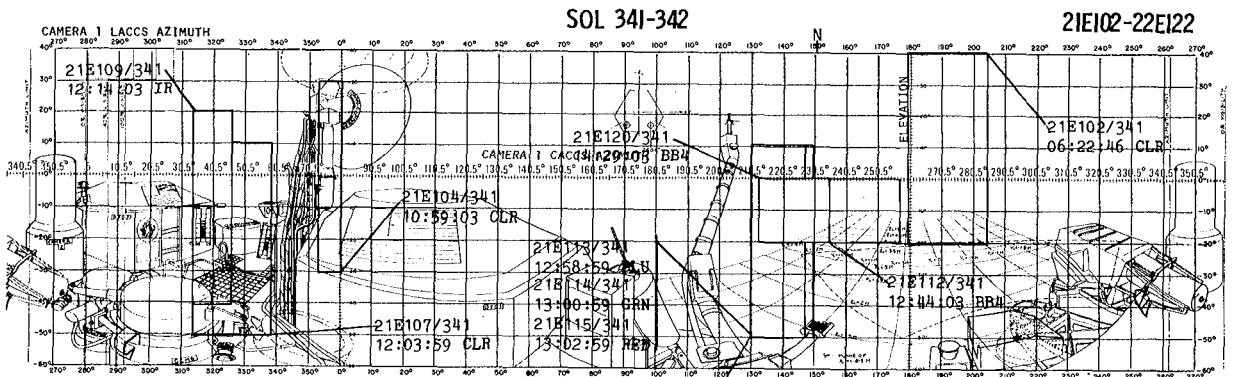
CAMERA 1 VIEW



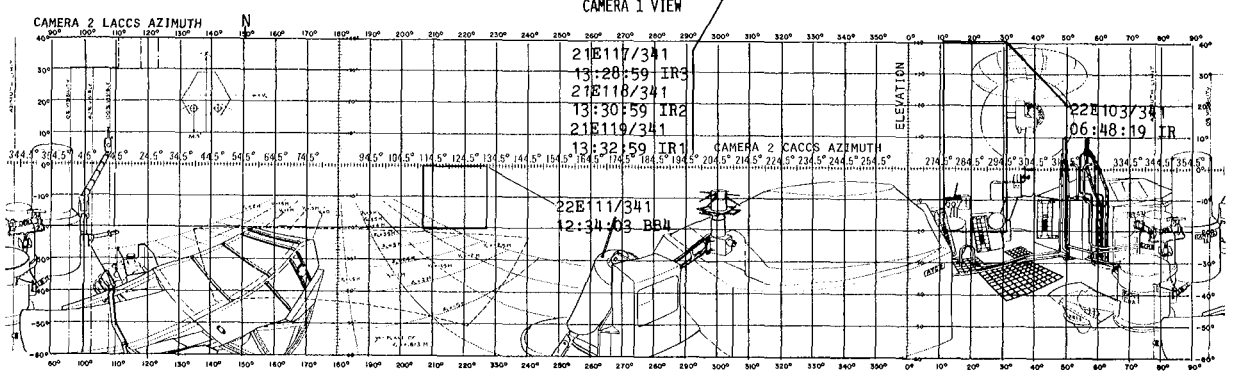
CAMERA 2 VIEW

SOL 341-342

21E102-22E122



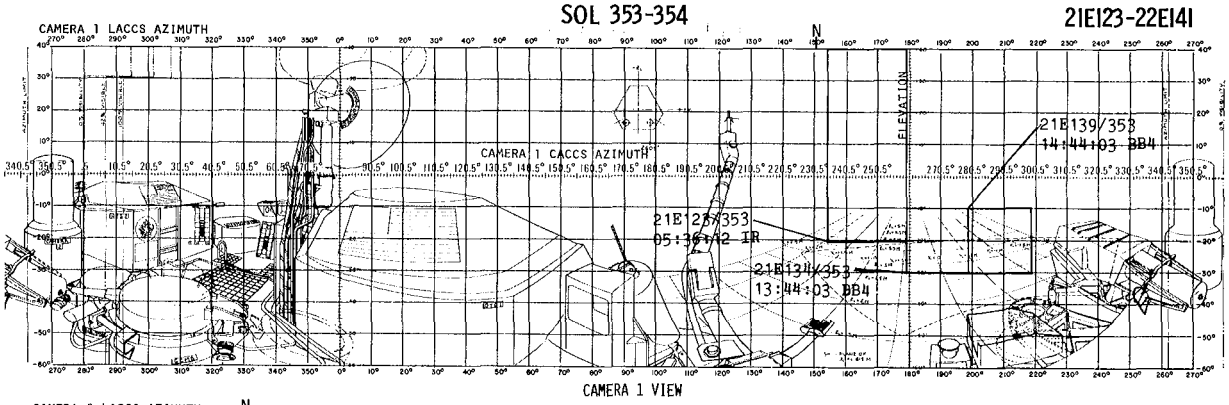
CAMERA 1 VIEW



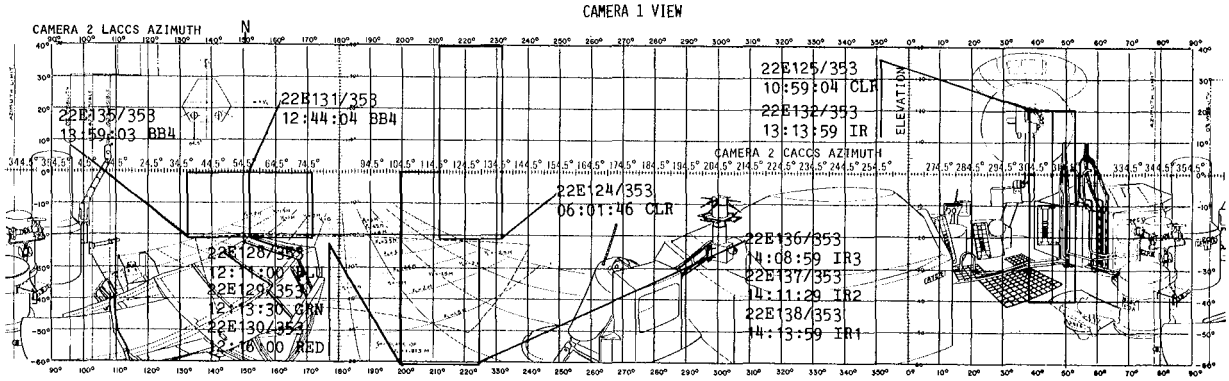
CAMERA 2 VIEW

SOL 353-354

21E123-22E141



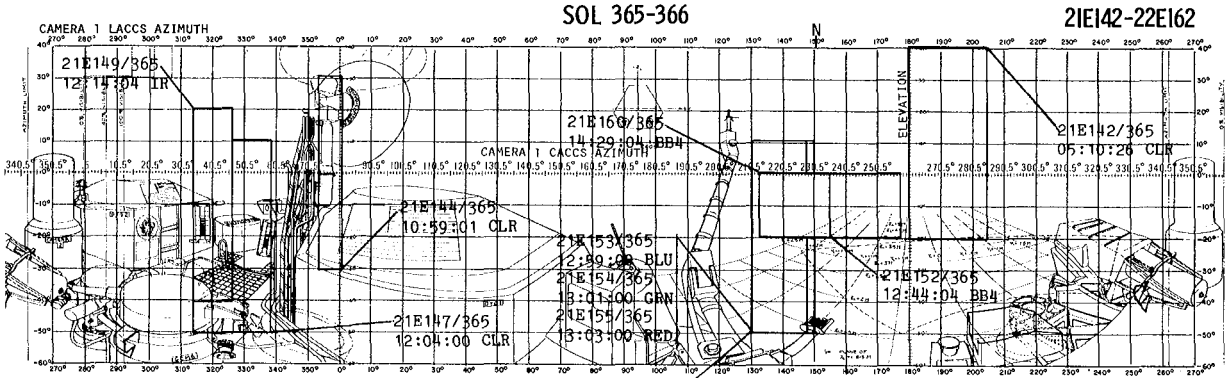
CAMERA 1 VIEW



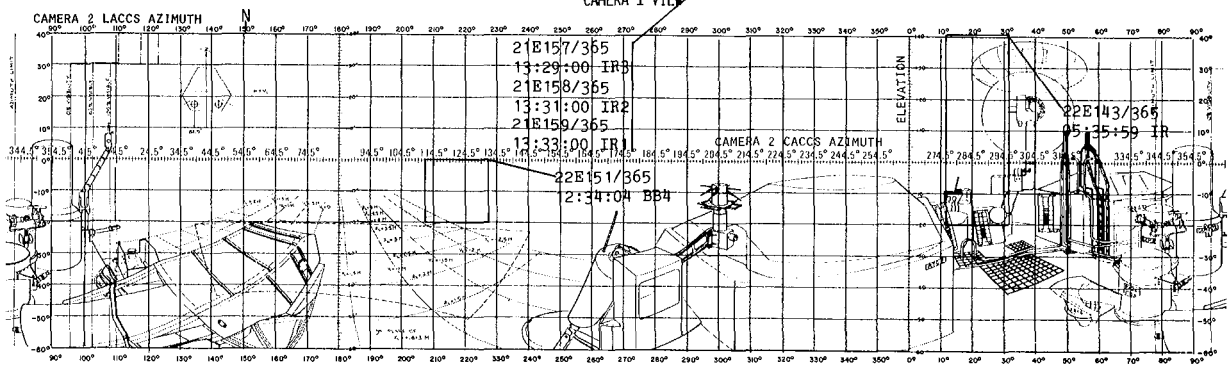
CAMERA 2 VIEW

SOL 365-366

21E142-22E162



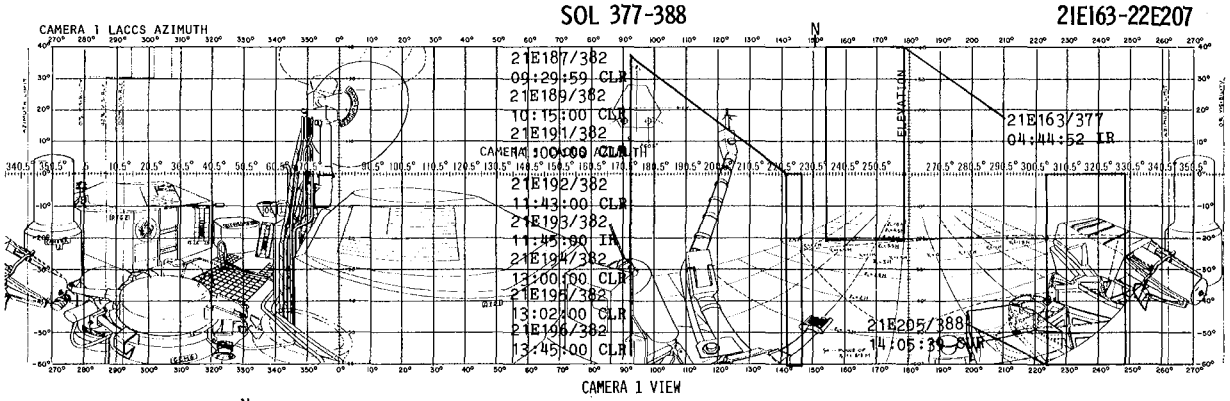
CAMERA 1 VIEW



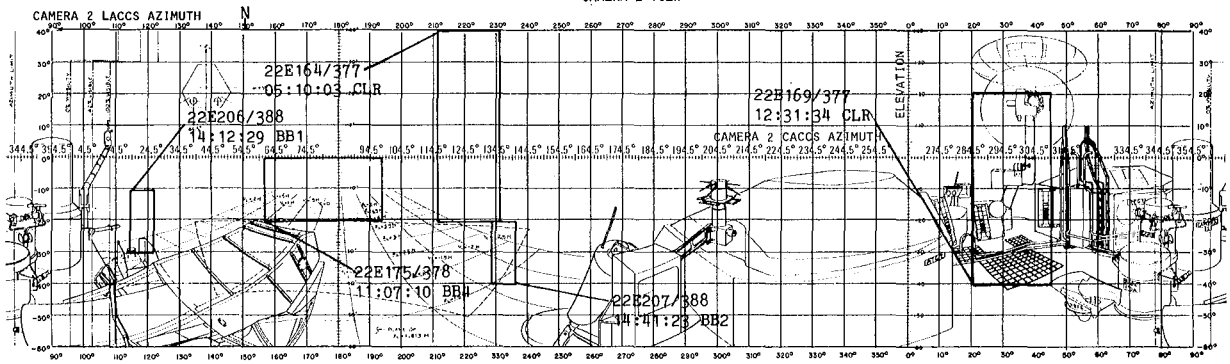
CAMERA 2 VIEW

SOL 377-388

21E163-22E207



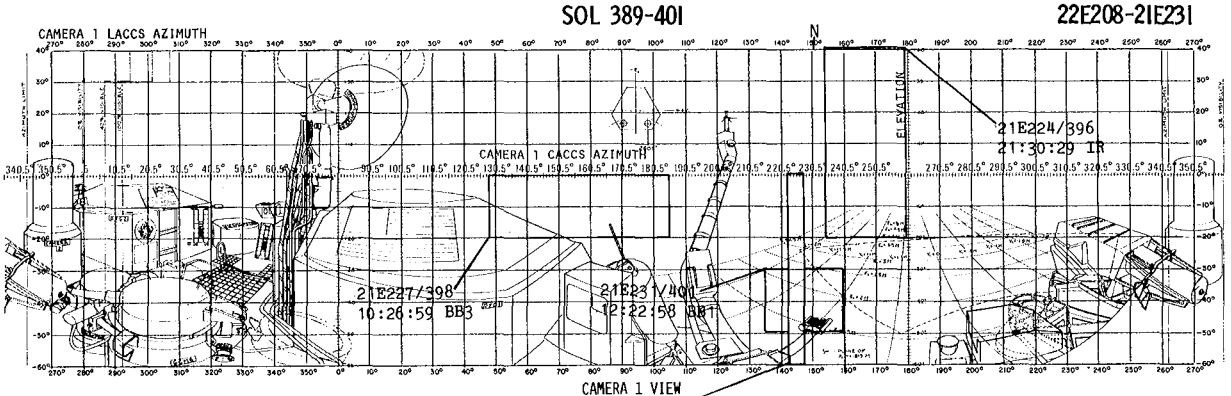
CAMERA 1 VIEW



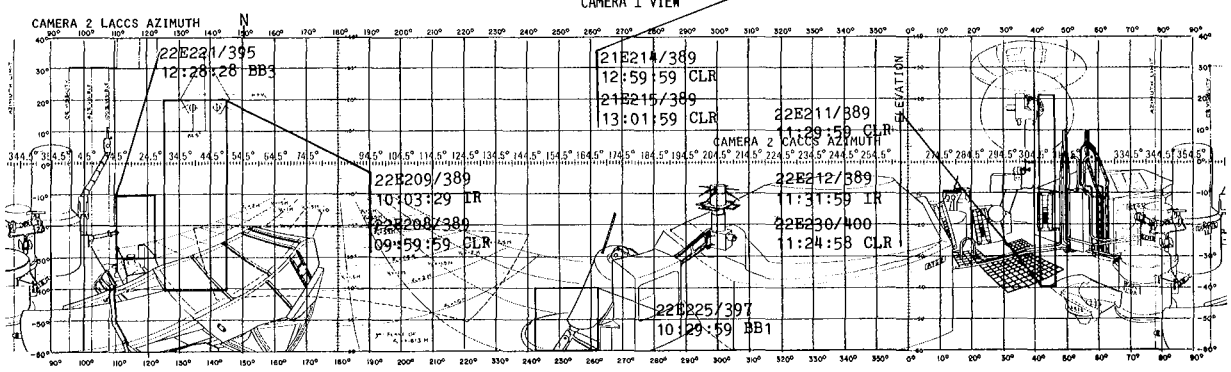
CAMERA 2 VIEW

SOL 389-401

22E208-21E231



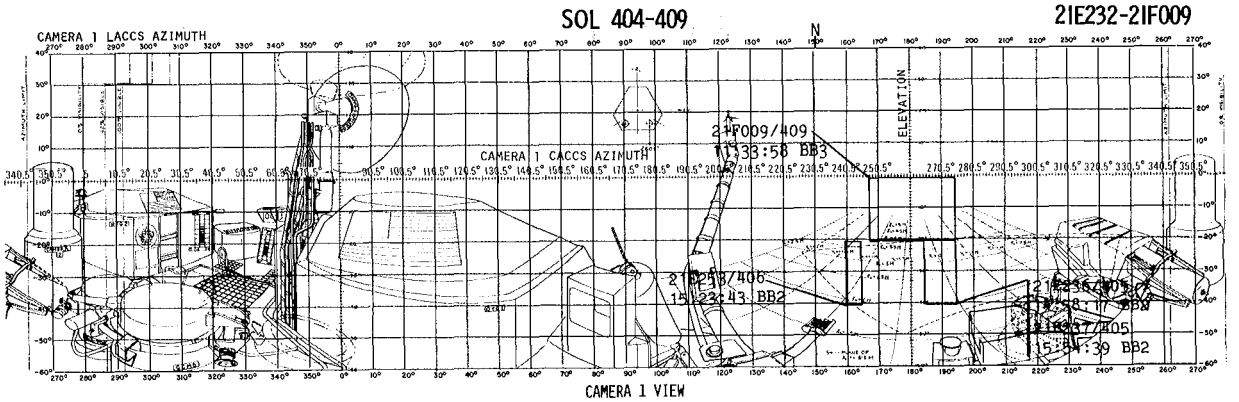
CAMERA 1 VIEW



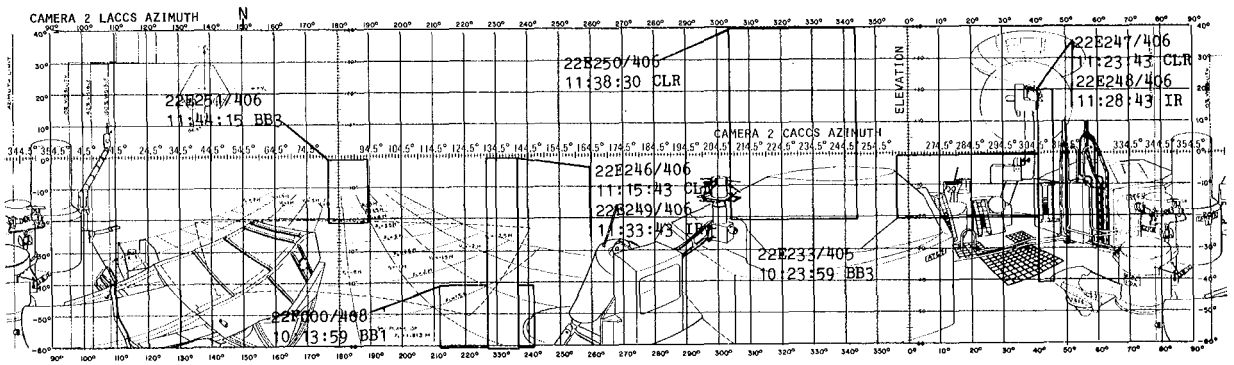
CAMERA 2 VIEW

SOL 404-409

21E232-21F009



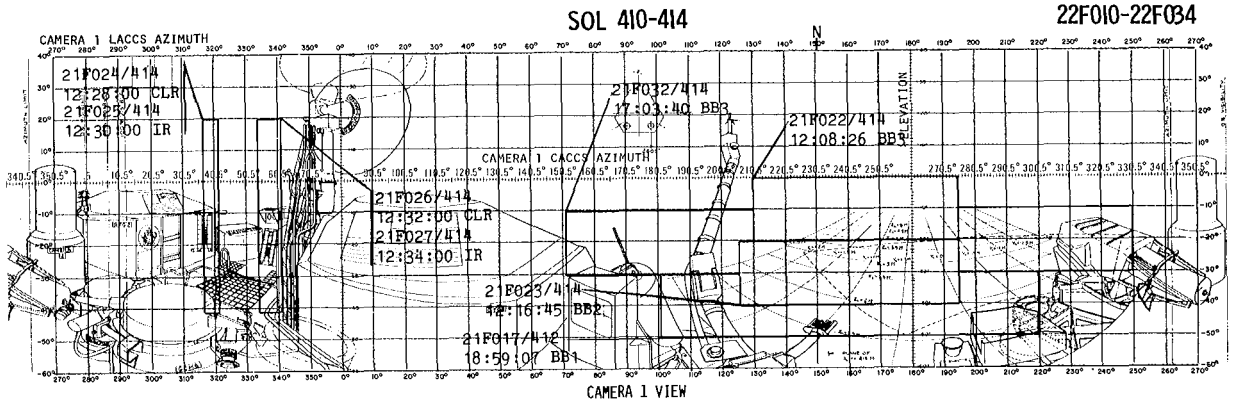
CAMERA 1 VIEW



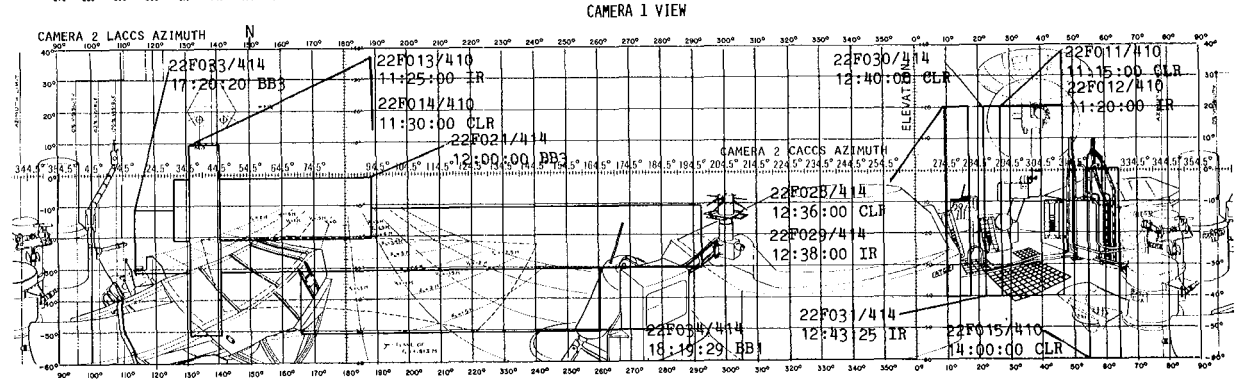
CAMERA 2 VIEW

SOL 410-414

22F010-22F034



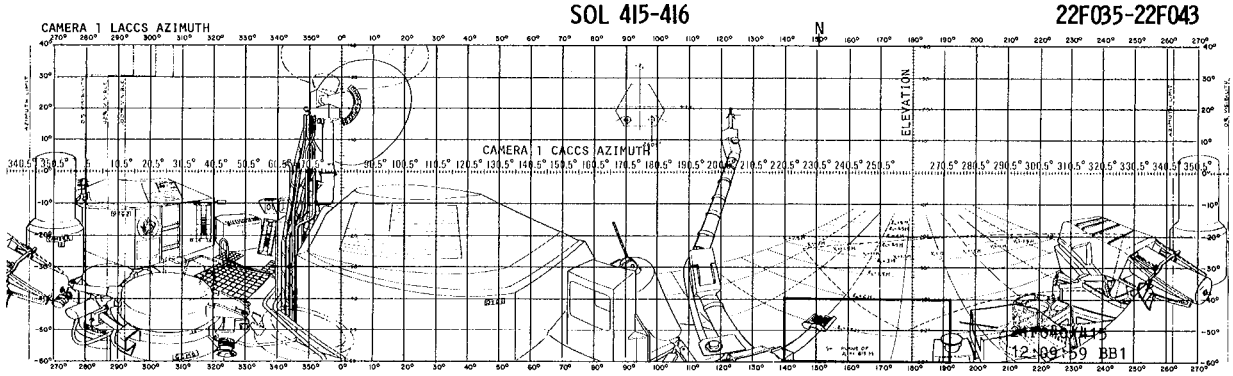
CAMERA 1 VIEW



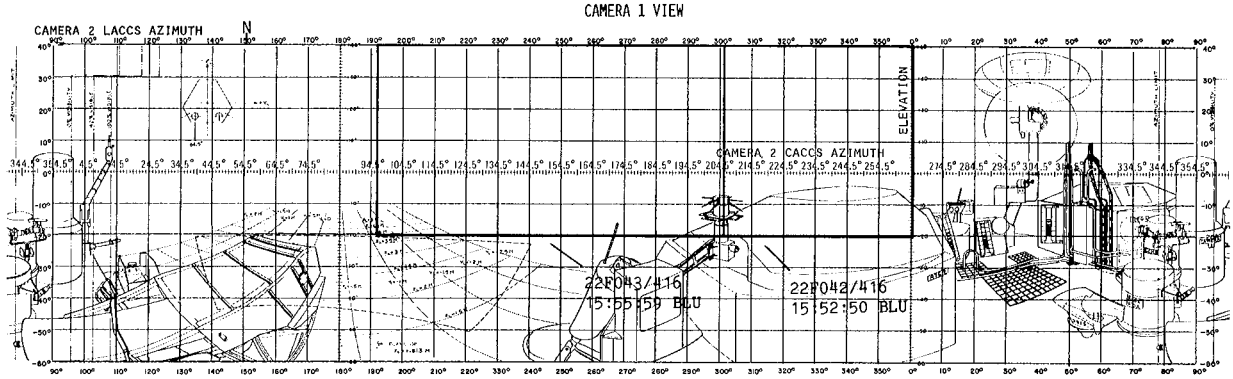
CAMERA 2 VIEW

SOL 415-416

22F035-22F043



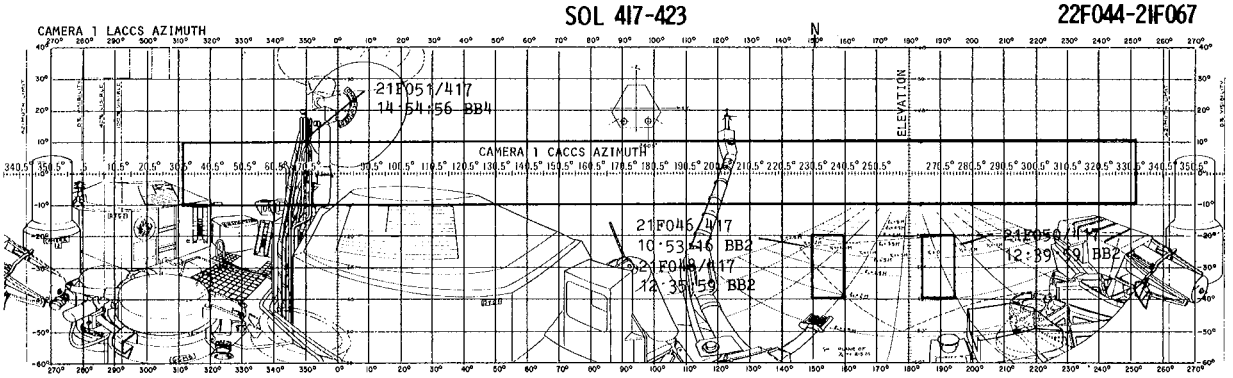
CAMERA 1 VIEW



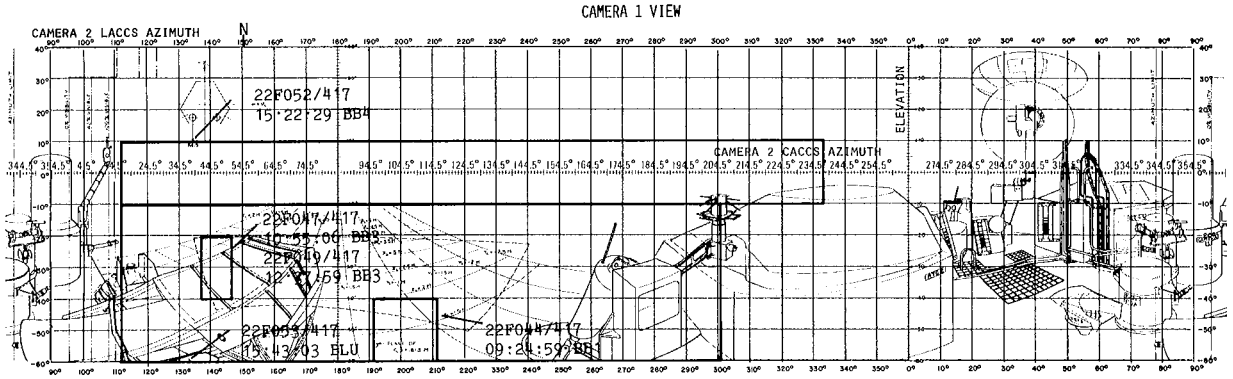
CAMERA 2 VIEW

SOL 417-423

22F044-21F067



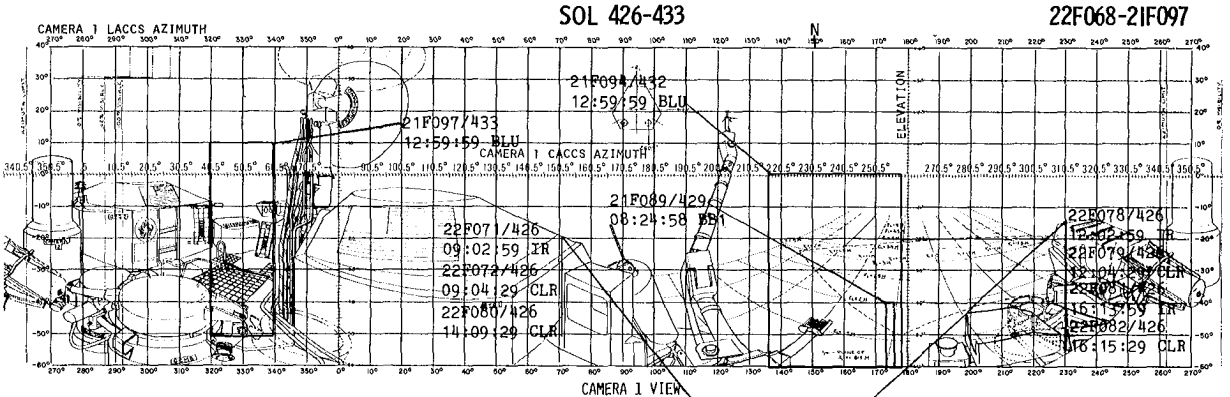
CAMERA 1 VIEW

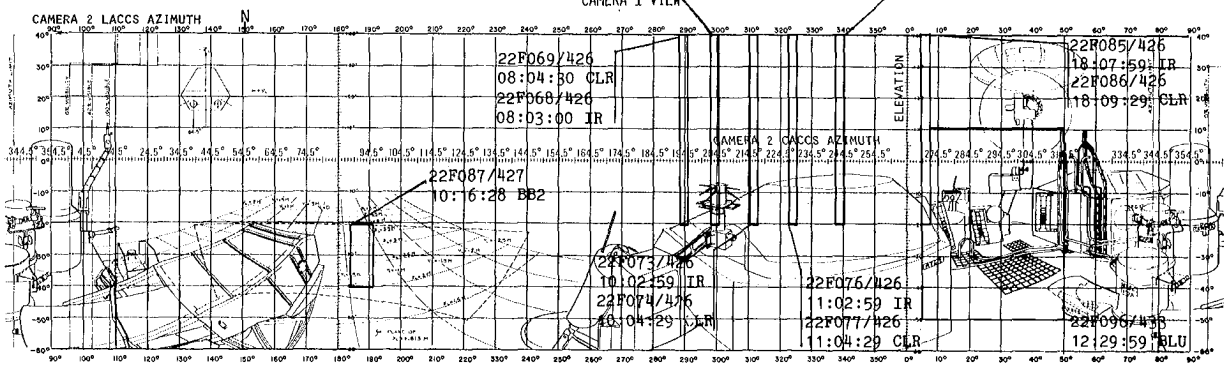


CAMERA 2 VIEW

SOL 426-433

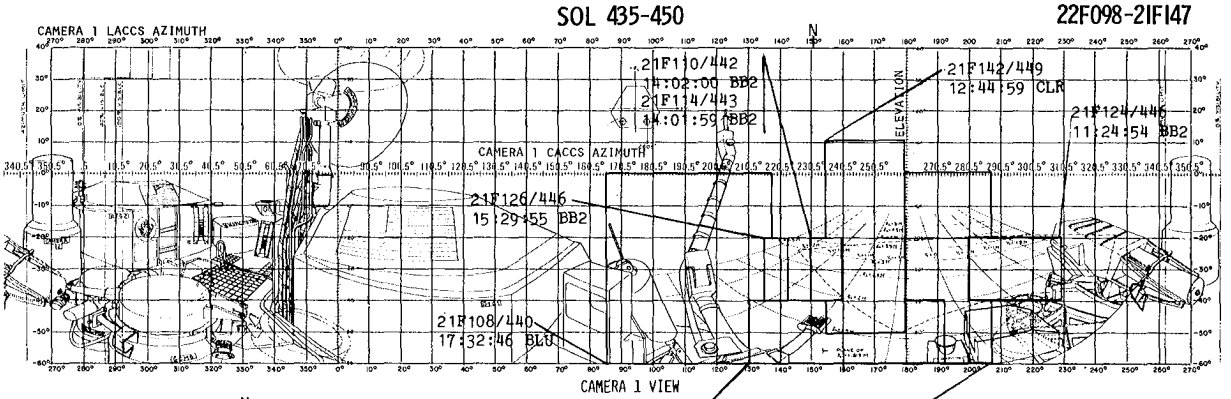
22F068-21F097

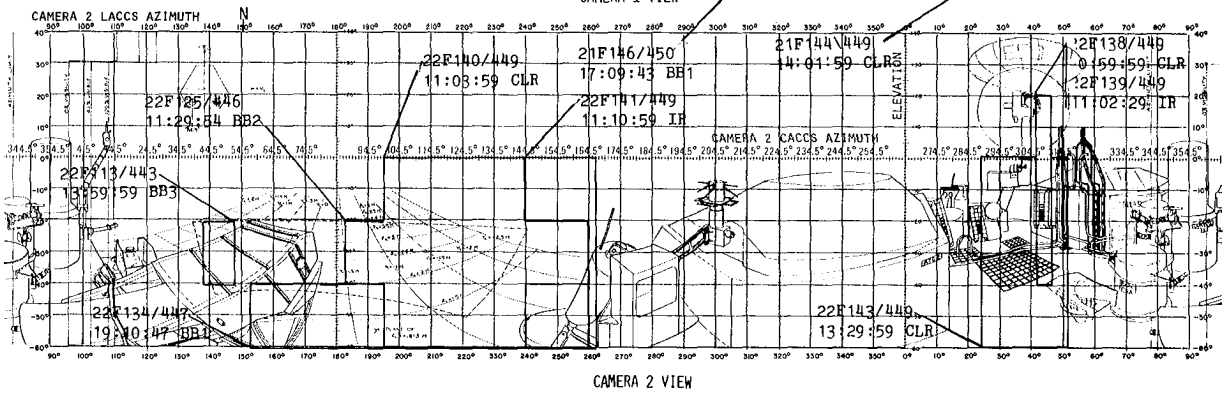




SOL 435-450

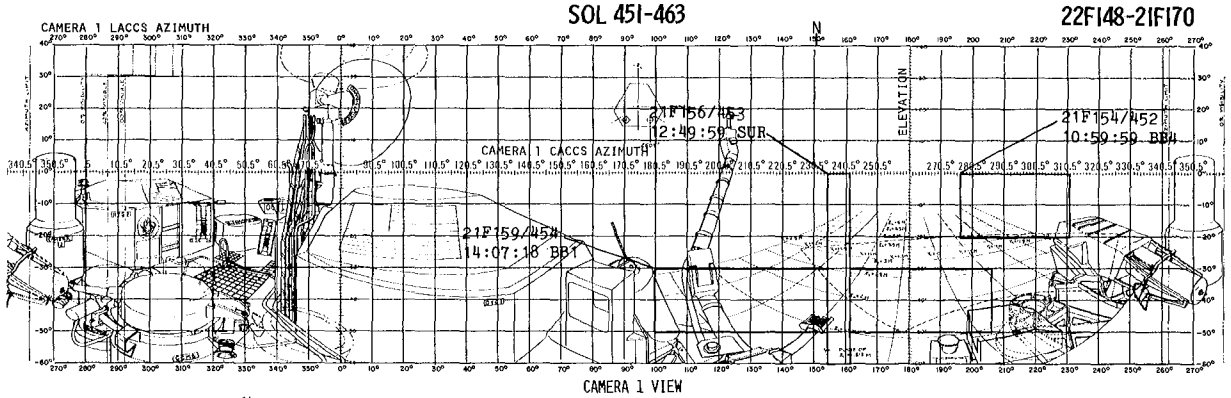
22F098-21F147



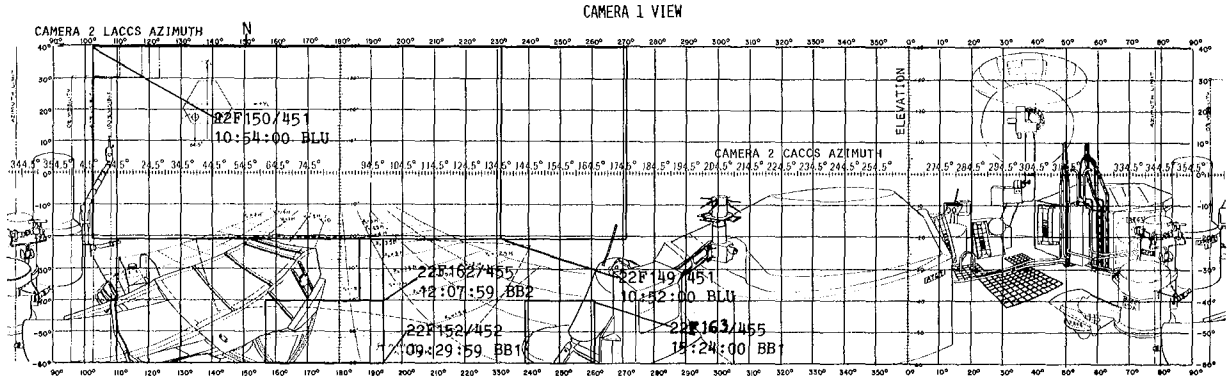


SOL 451-463

22F148-21F170



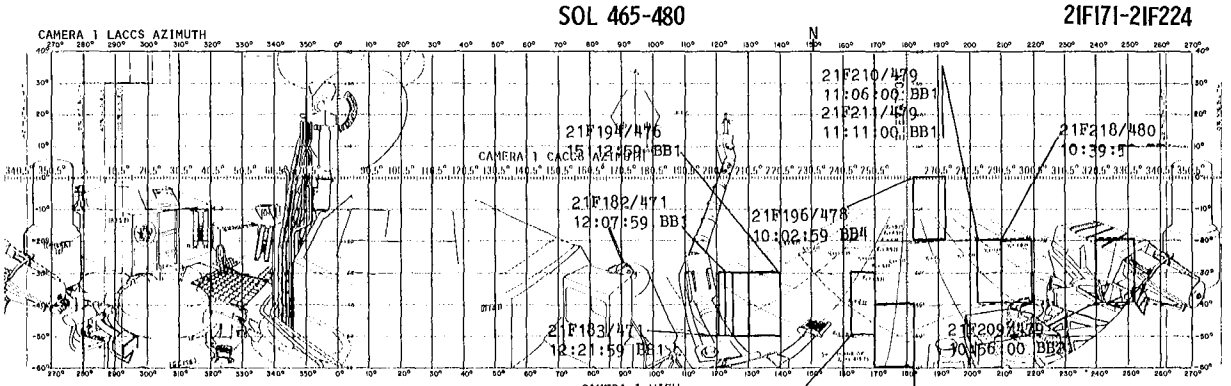
CAMERA 1 VIEW



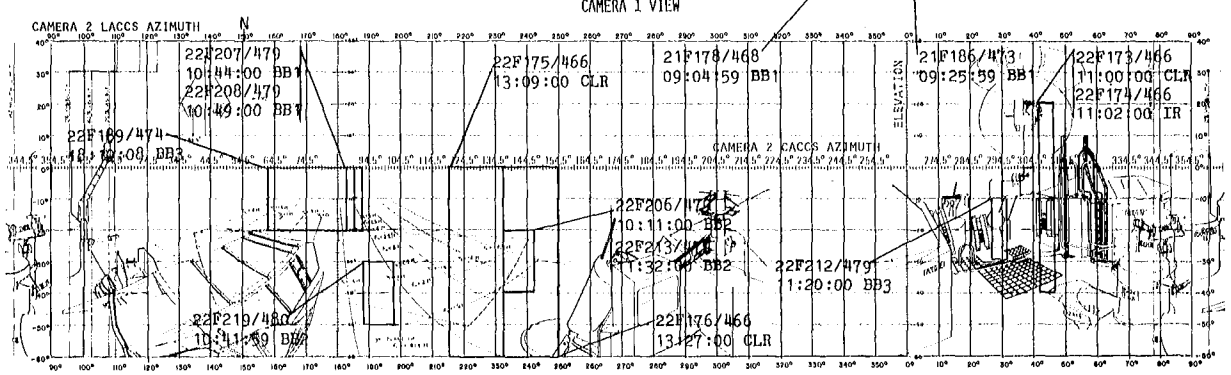
CAMERA 2 VIEW

SOL 465-480

21F171-21F224



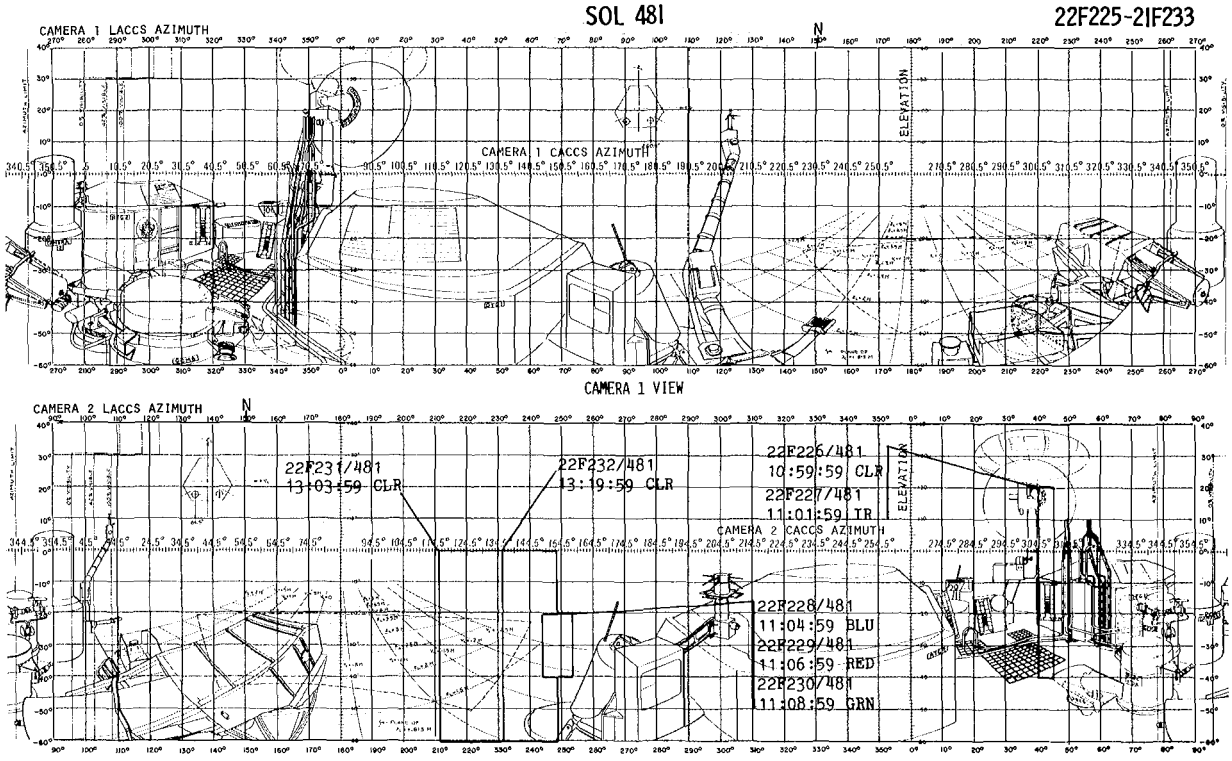
CAMERA 1 VIEW



CAMERA 2 VIEW

SOL 481

22F225-21F233

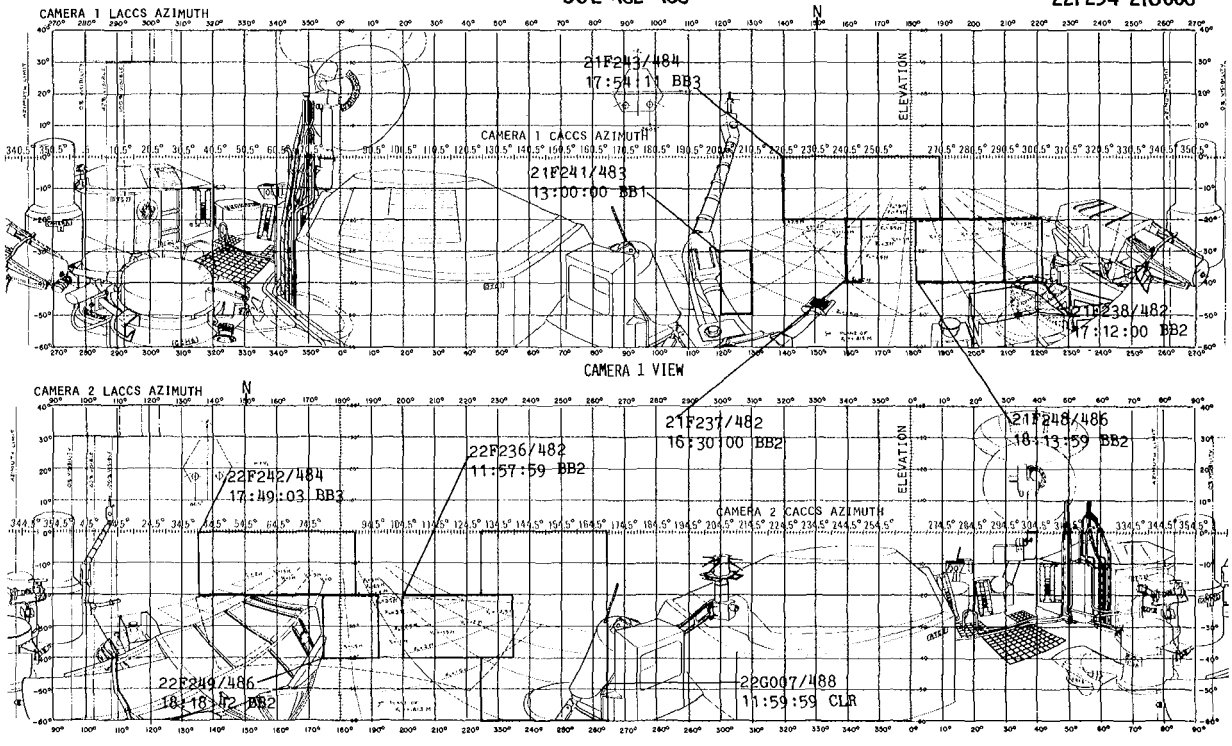


CAMERA 1 VIEW

CAMERA 2 VIEW

SOL 482-488

22F234-21G008

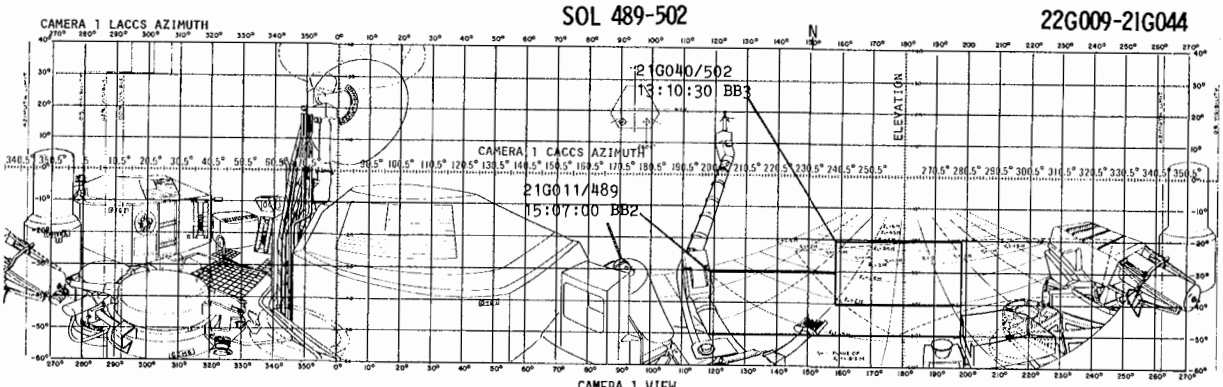


CAMERA 1 VIEW

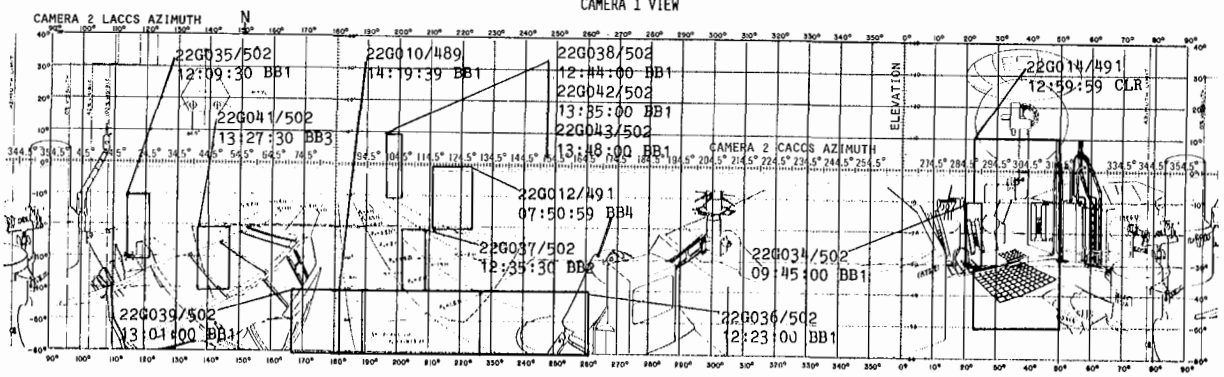
CAMERA 2 VIEW

SOL 489-502

22G009-21G044



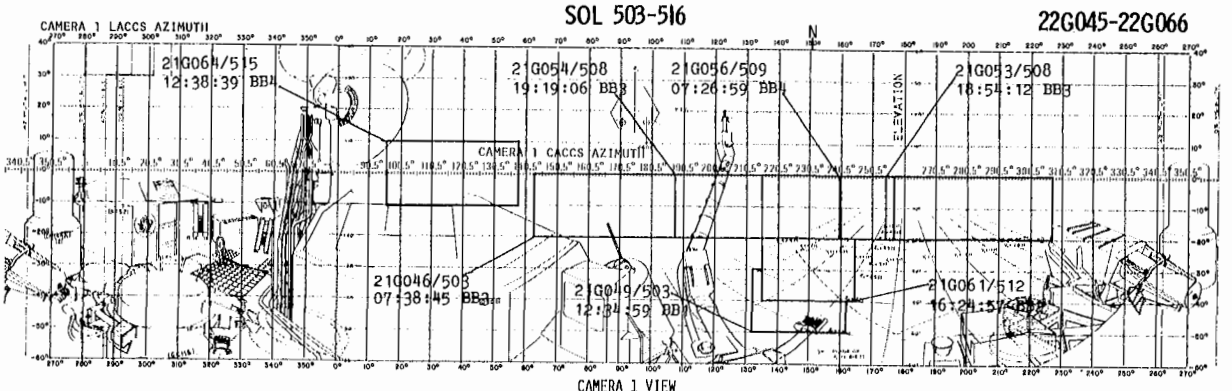
CAMERA 1 VIEW



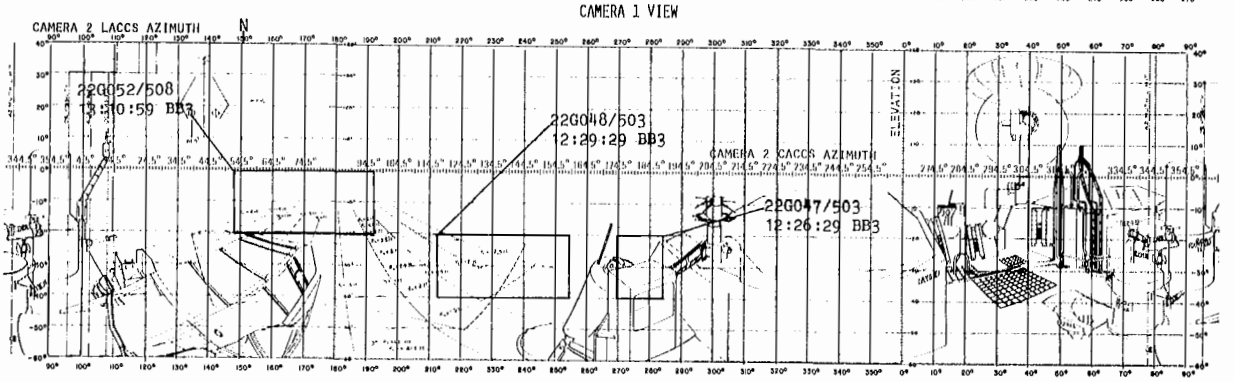
CAMERA 2 VIEW

SOL 503-516

22G045-22G066



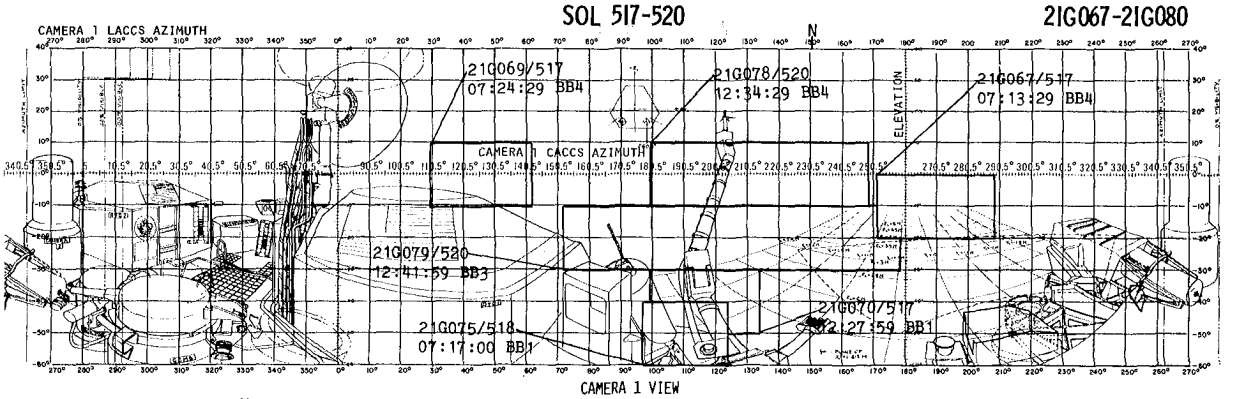
CAMERA 1 VIEW



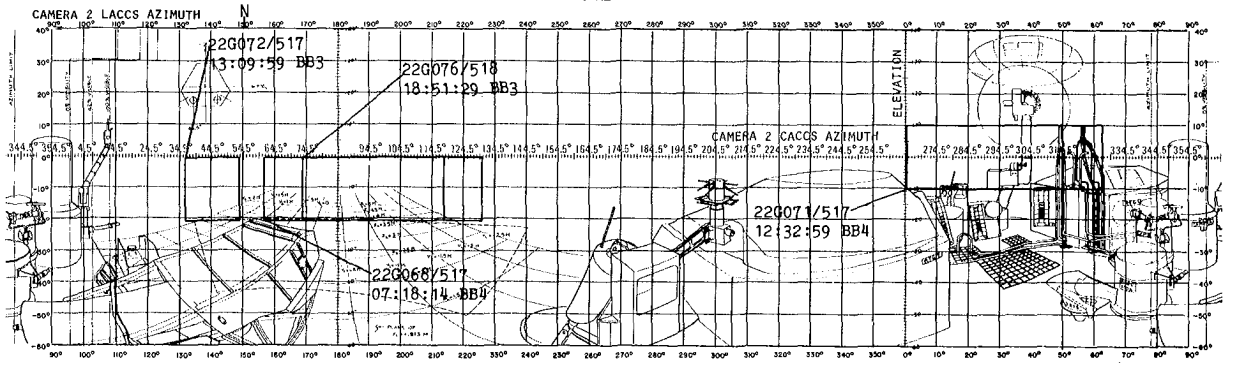
CAMERA 2 VIEW

SOL 517-520

21G067-21G080



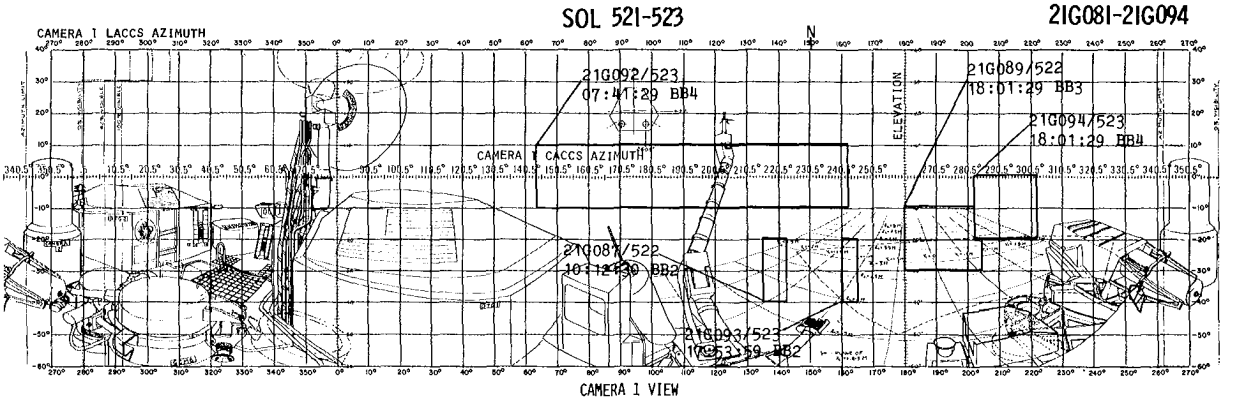
CAMERA 1 VIEW



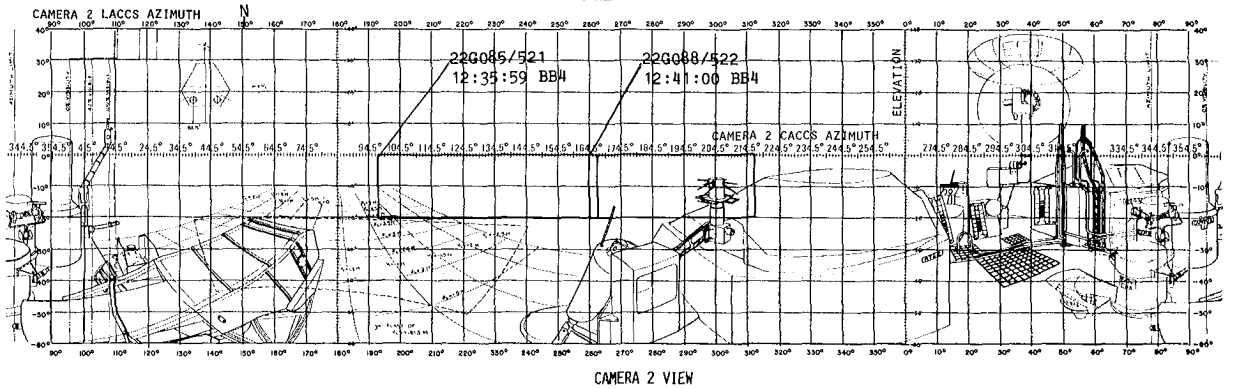
CAMERA 2 VIEW

SOL 521-523

21G081-21G094



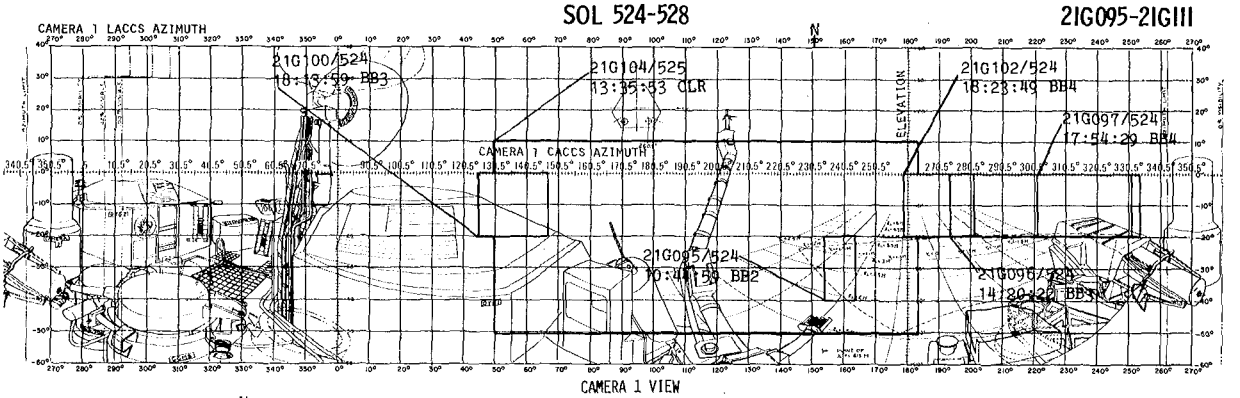
CAMERA 1 VIEW



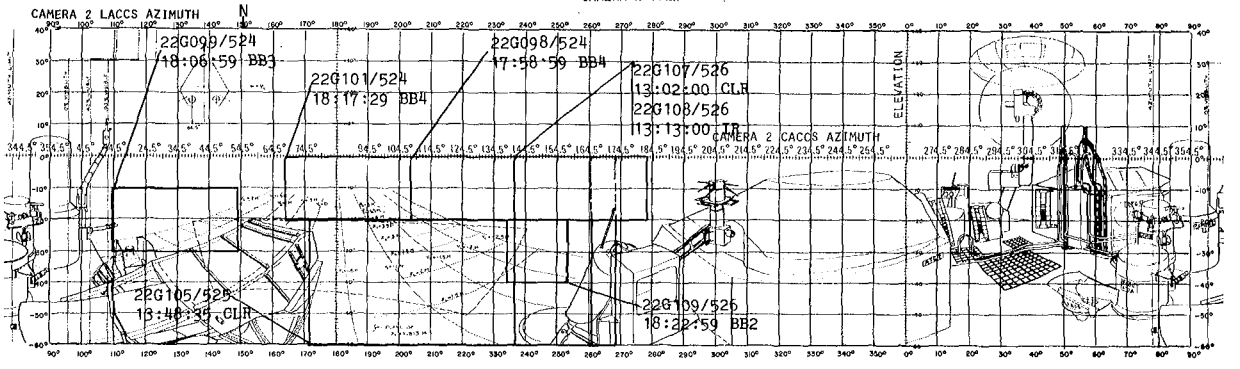
CAMERA 2 VIEW

SOL 524-528

2IG095-2IG111



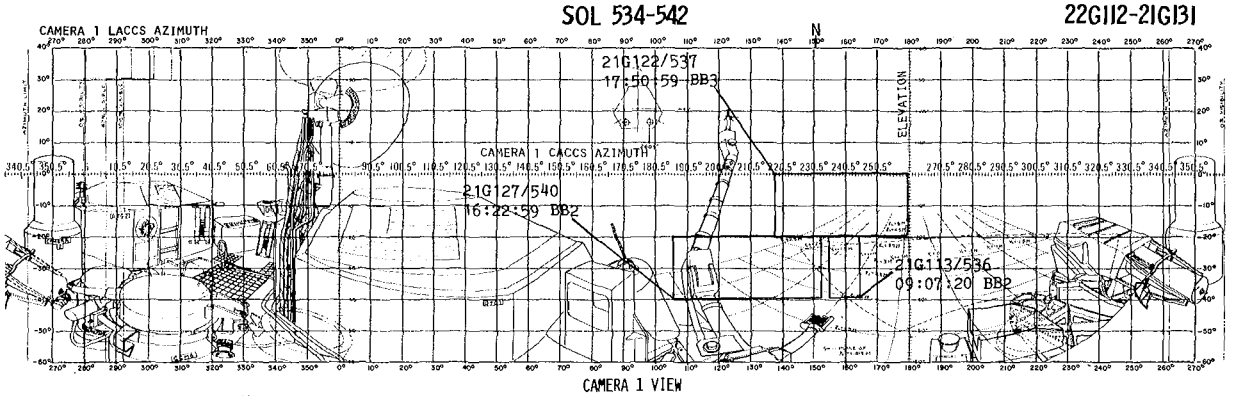
CAMERA 1 VIEW



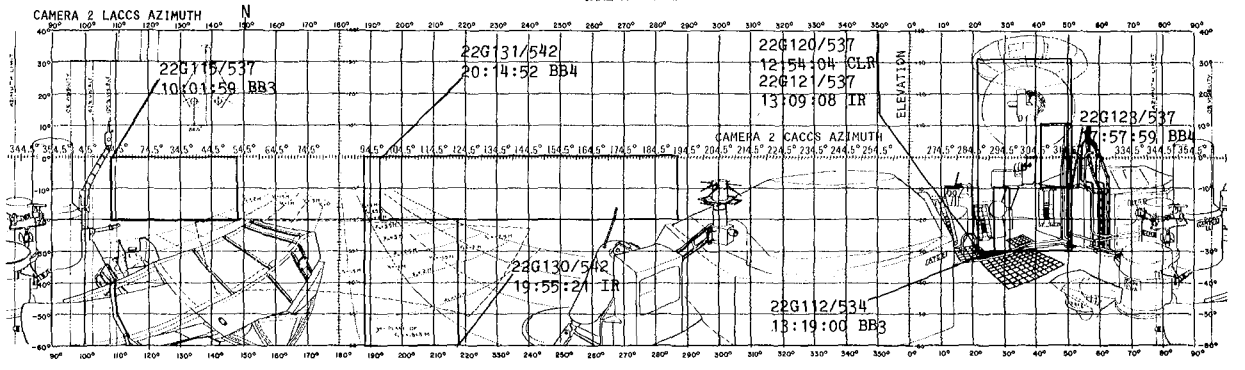
CAMERA 2 VIEW

SOL 534-542

22G112-2IG131



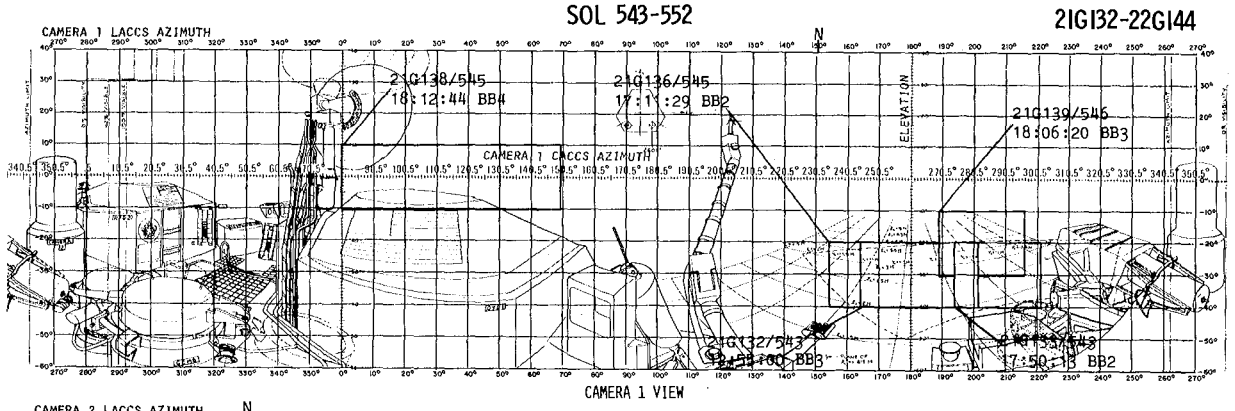
CAMERA 1 VIEW



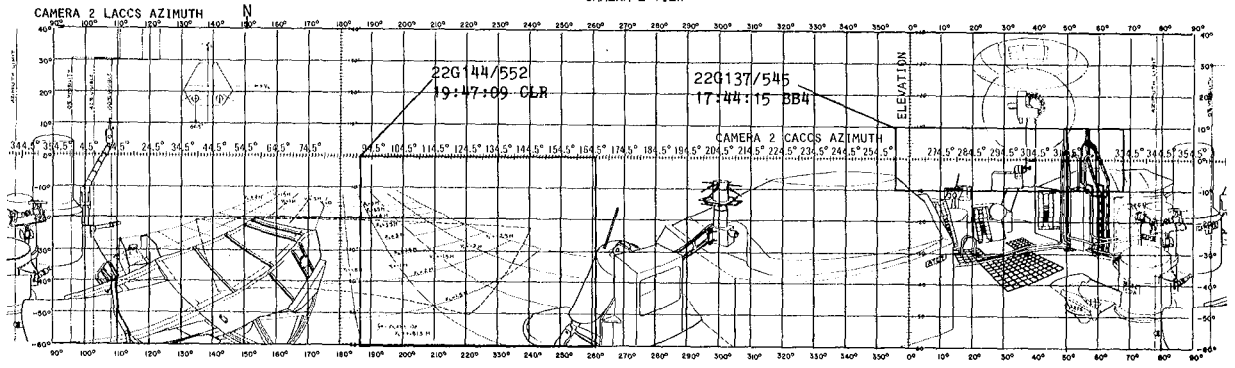
CAMERA 2 VIEW

SOL 543-552

21G132-22G144



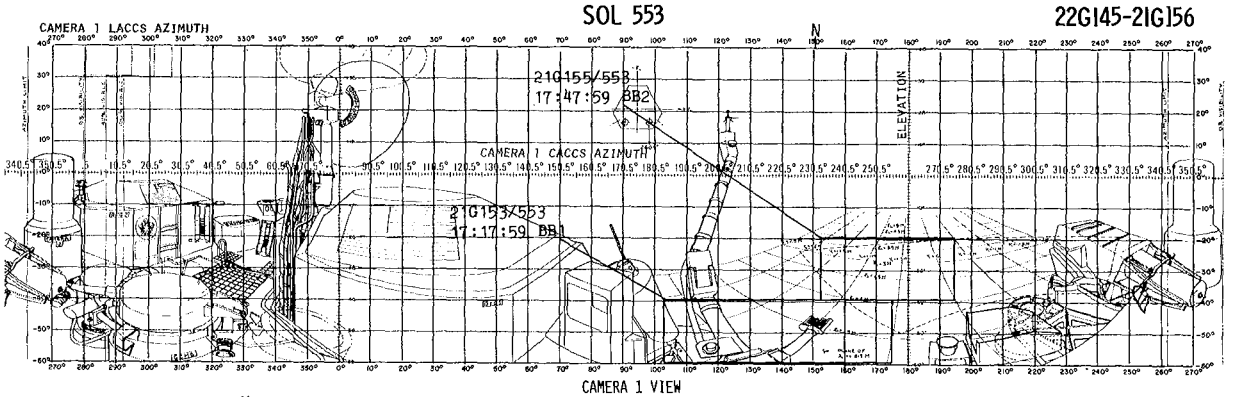
CAMERA 1 VIEW



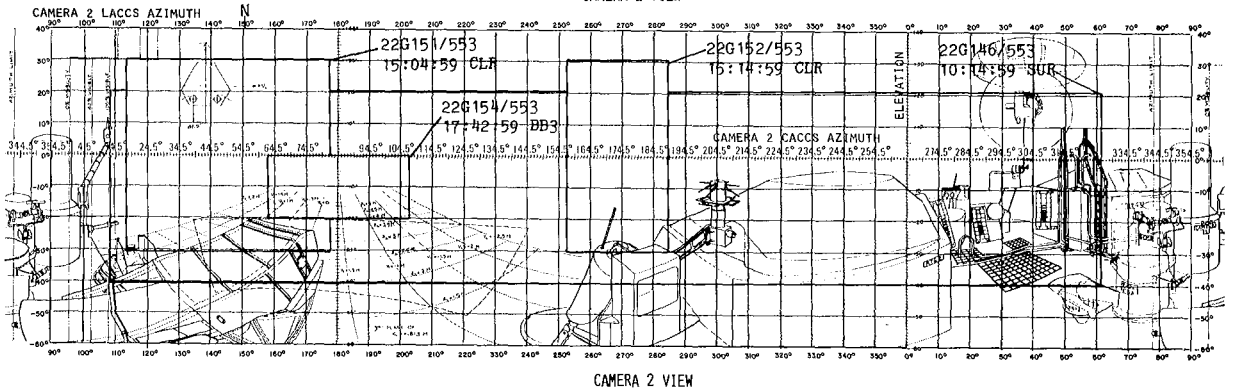
CAMERA 2 VIEW

SOL 553

22G145-21G156



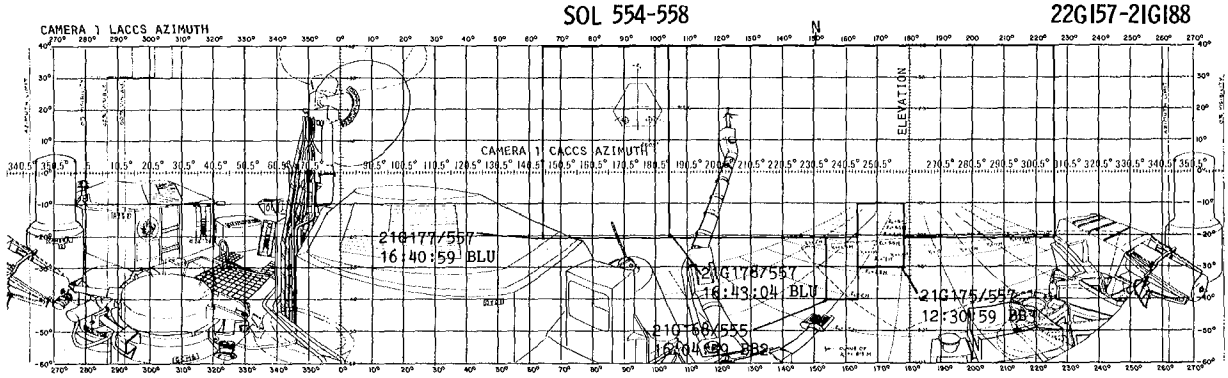
CAMERA 1 VIEW



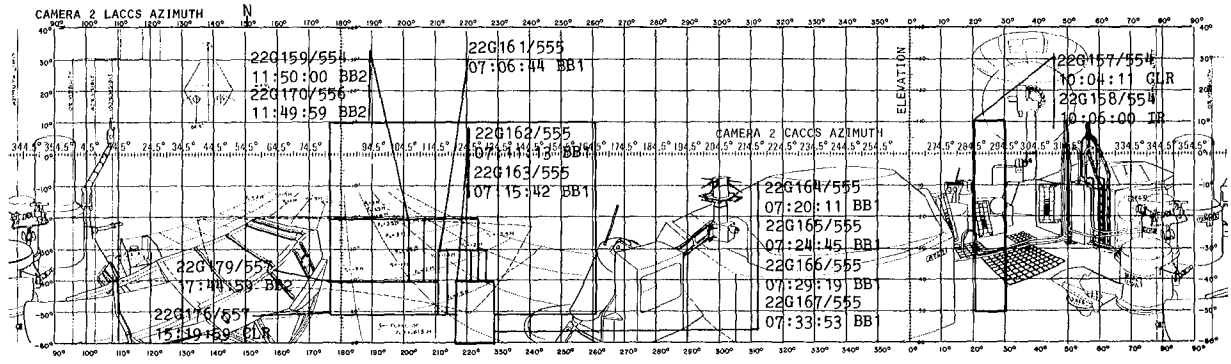
CAMERA 2 VIEW

SOL 554-558

22G157-21G188



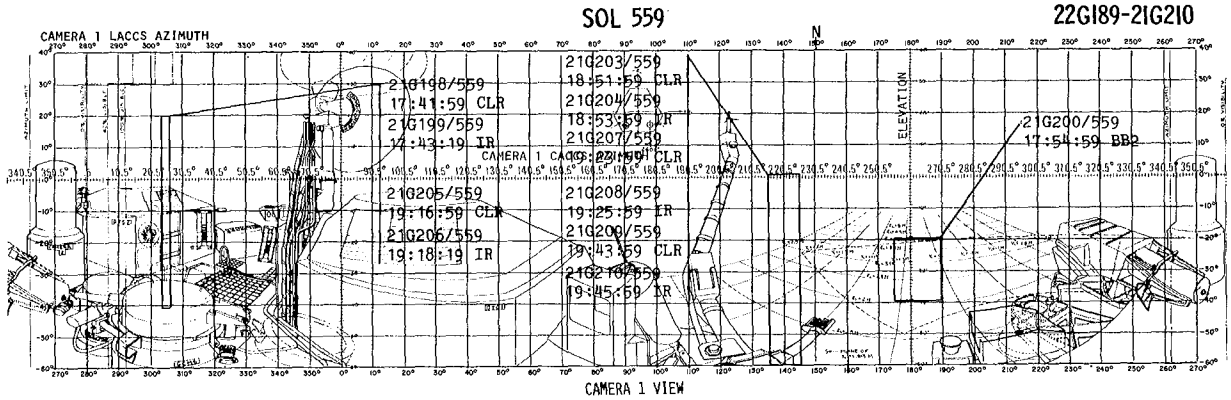
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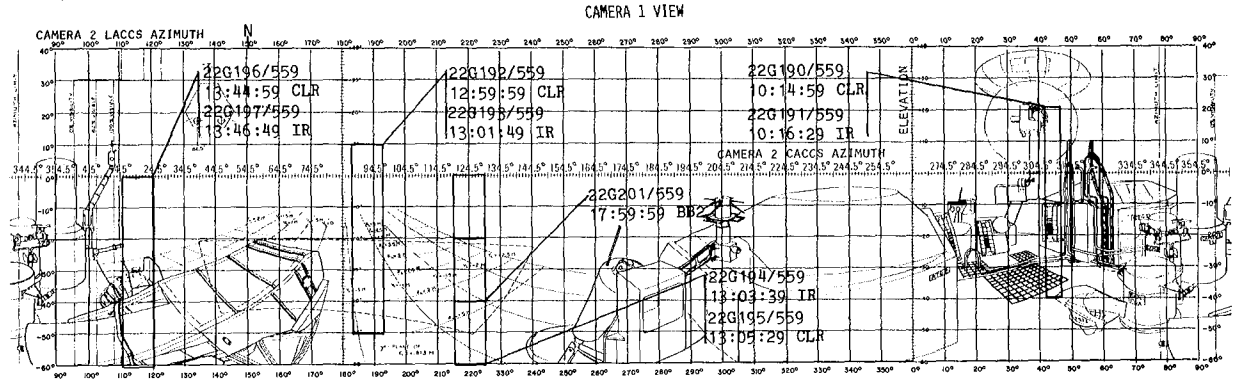
CAMERA 2 VIEW

SOL 559

22G189-21G210



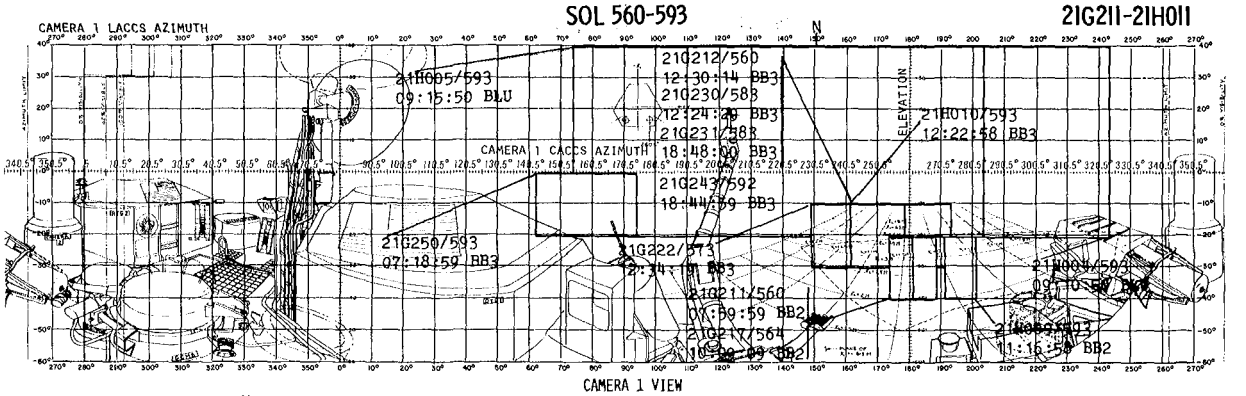
CAMERA 1 VIEW



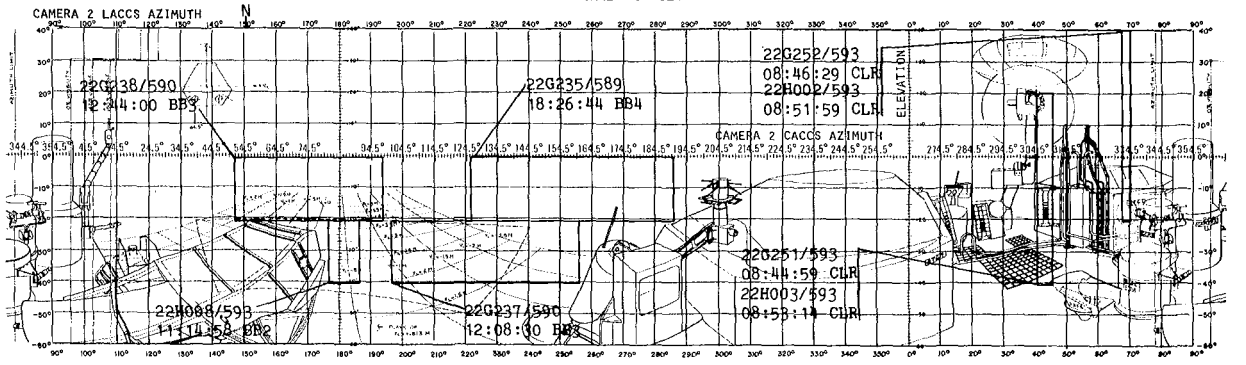
CAMERA 2 VIEW

SOL 560-593

21G211-21H011



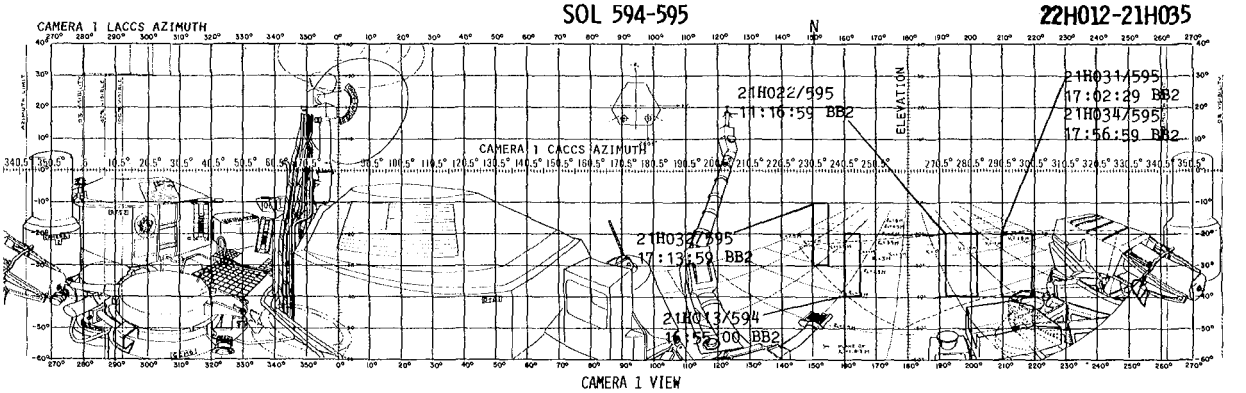
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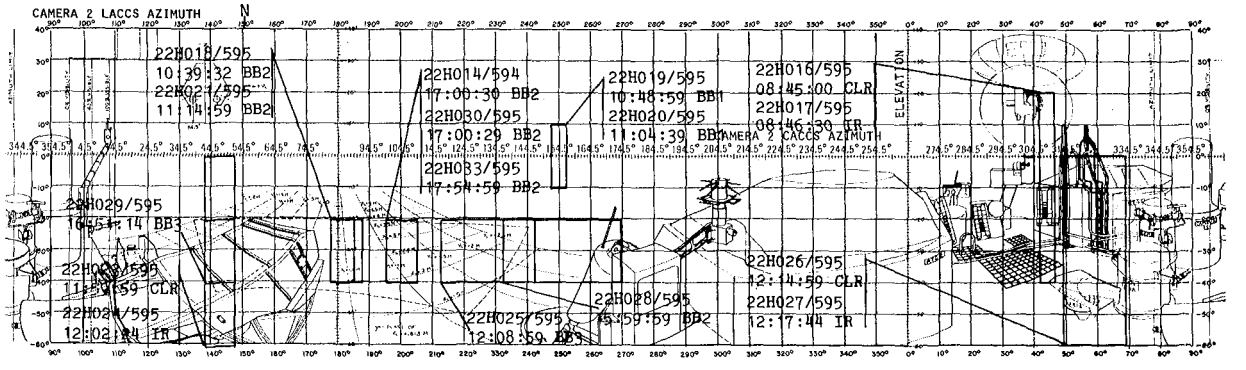
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SOL 594-595

22H012-21H035



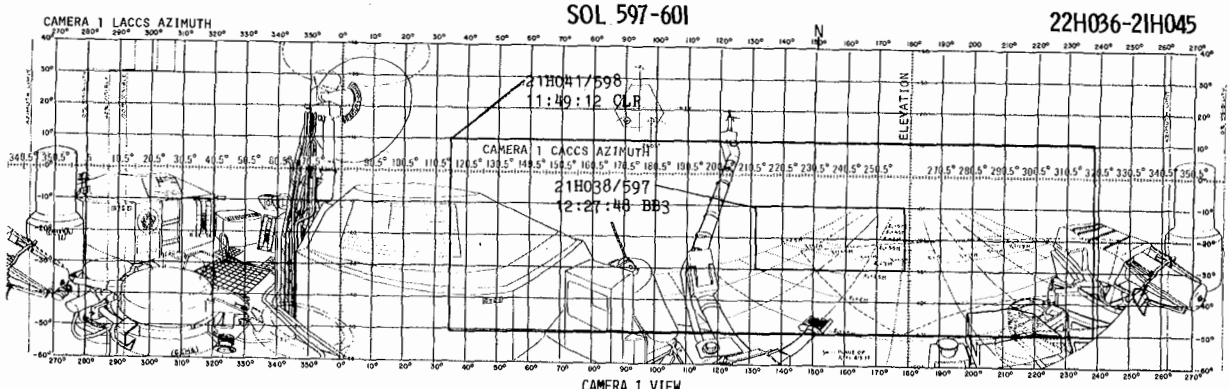
CAMERA 1 VIEW



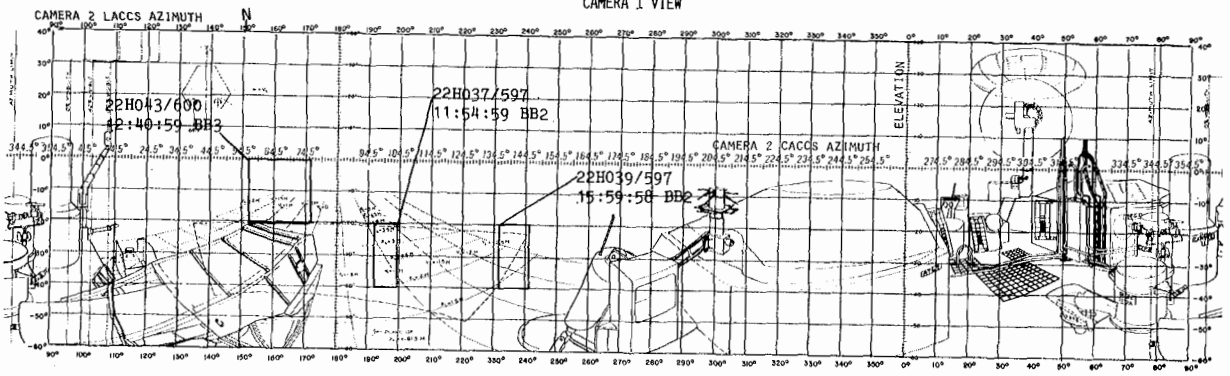
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SOL 597-601

22H036-21H045



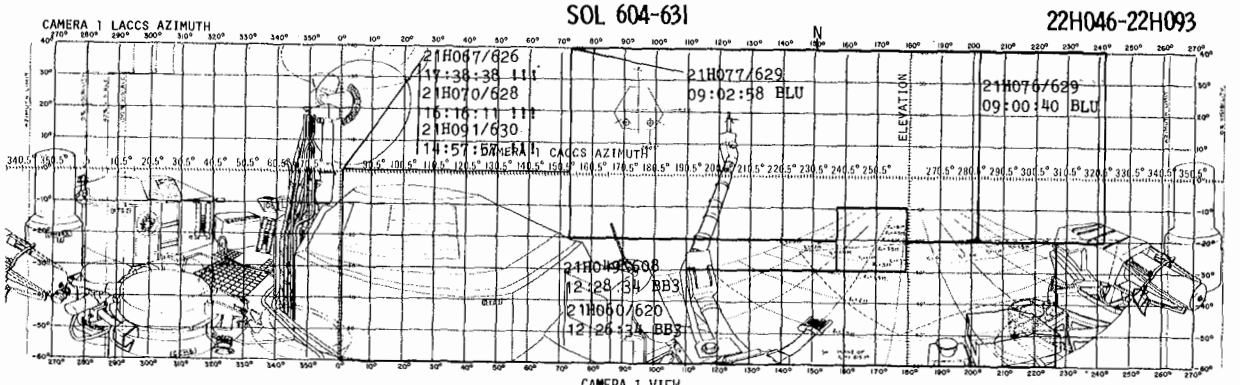
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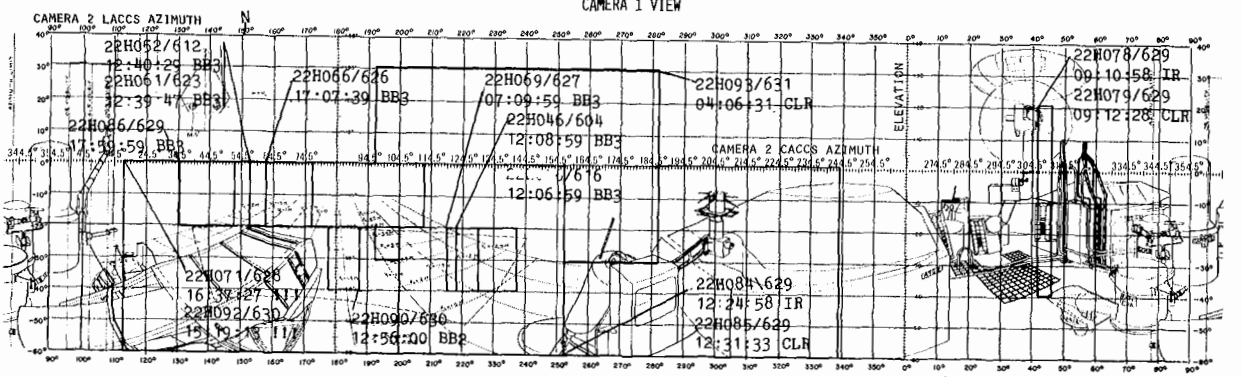
CAMERA 2 VIEW

SOL 604-631

22H046-22H093



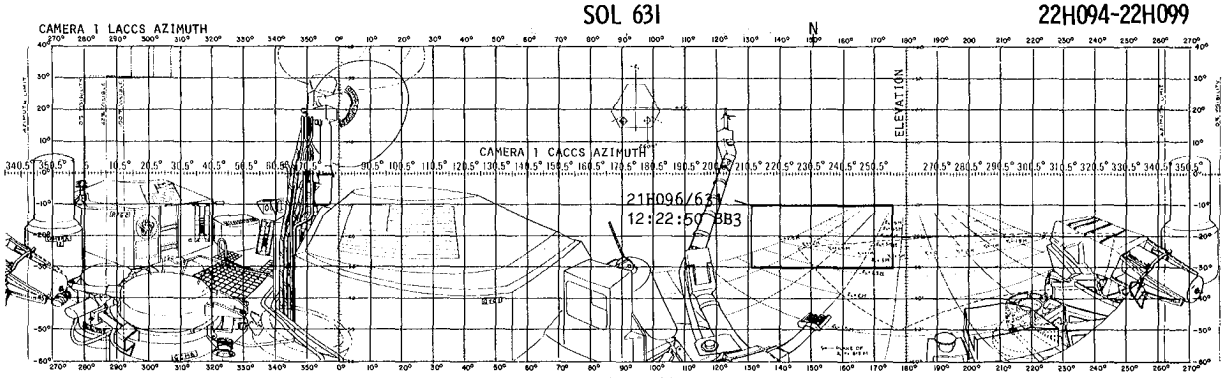
CAMERA 1 VIEW



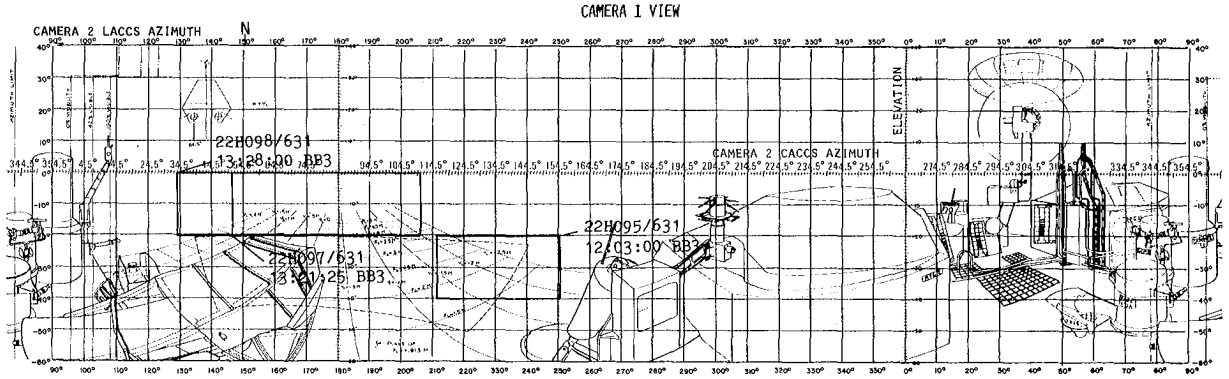
CAMERA 2 VIEW

SOL 631

22H094-22H099



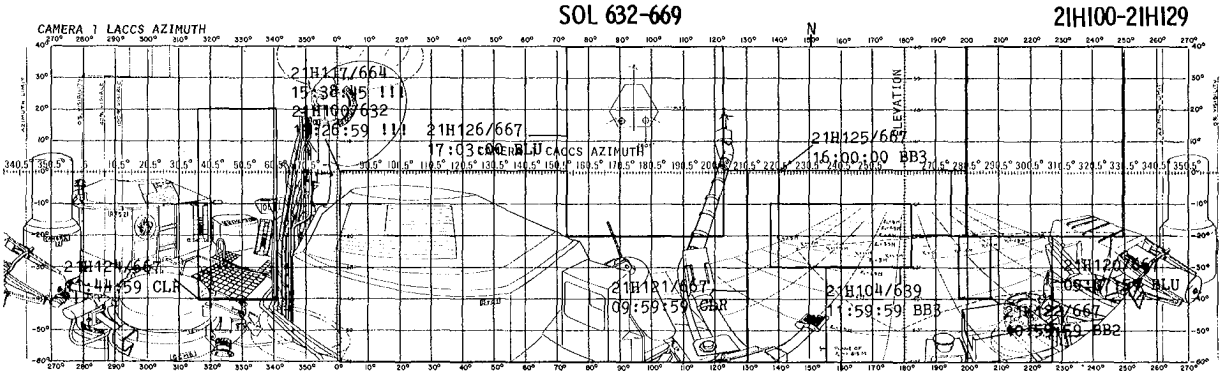
CAMERA 1 VIEW



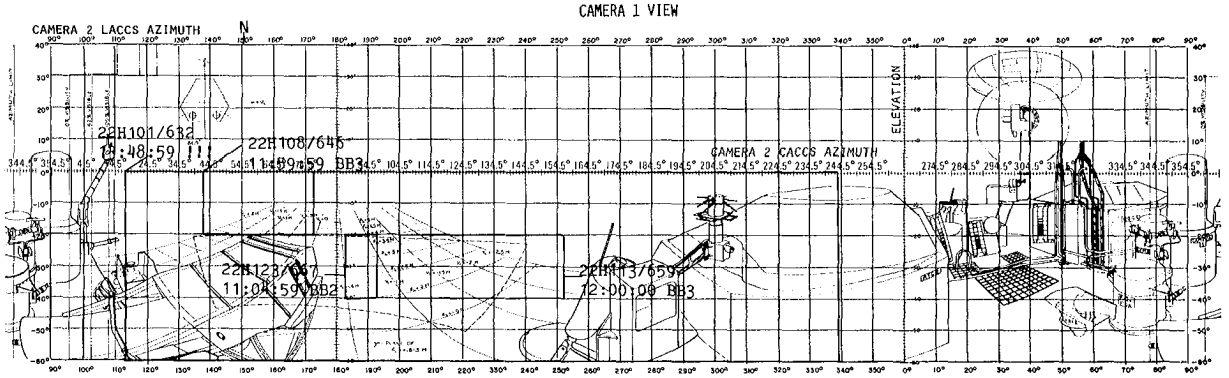
CAMERA 2 VIEW

SOL 632-669

21H100-21H129



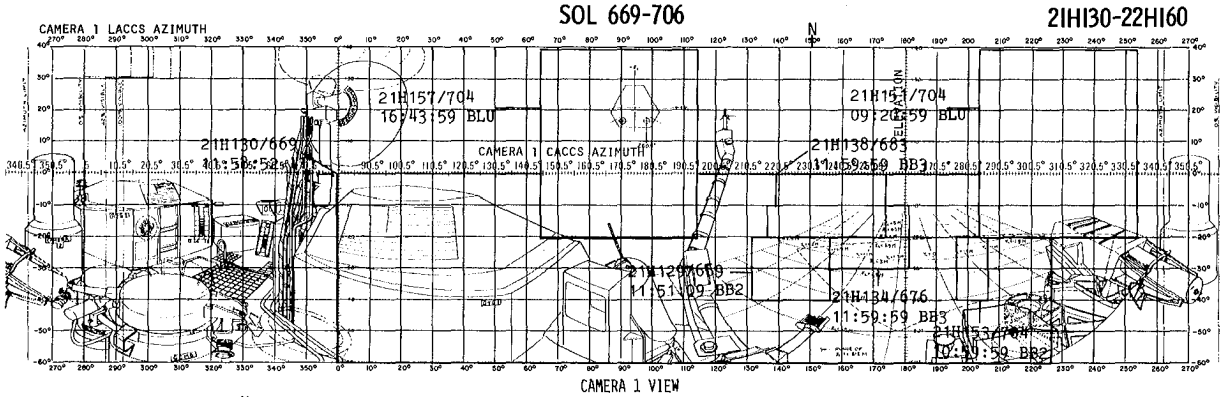
CAMERA 1 VIEW



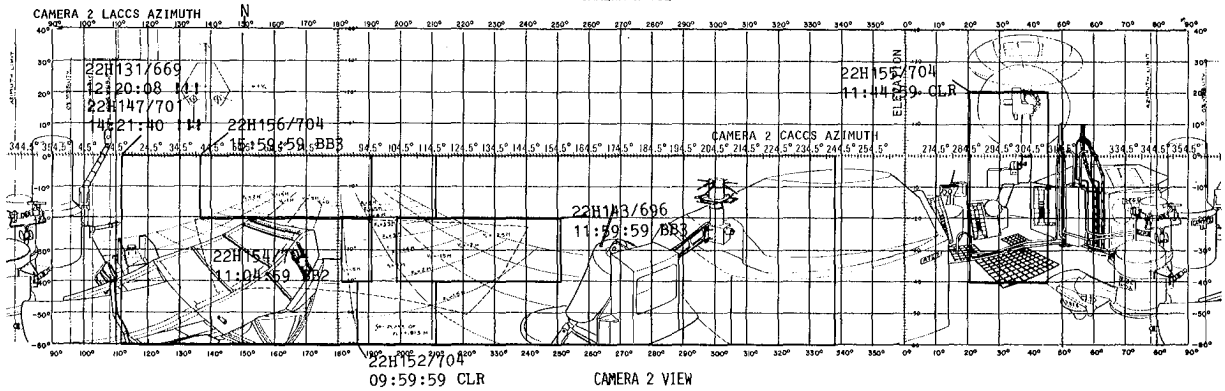
CAMERA 2 VIEW

SOL 669-706

21H130-22H160



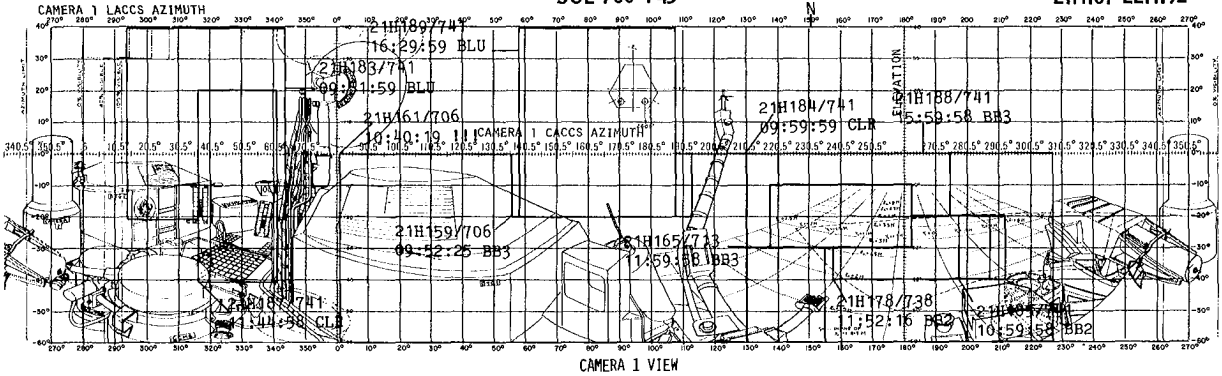
CAMERA 1 VIEW



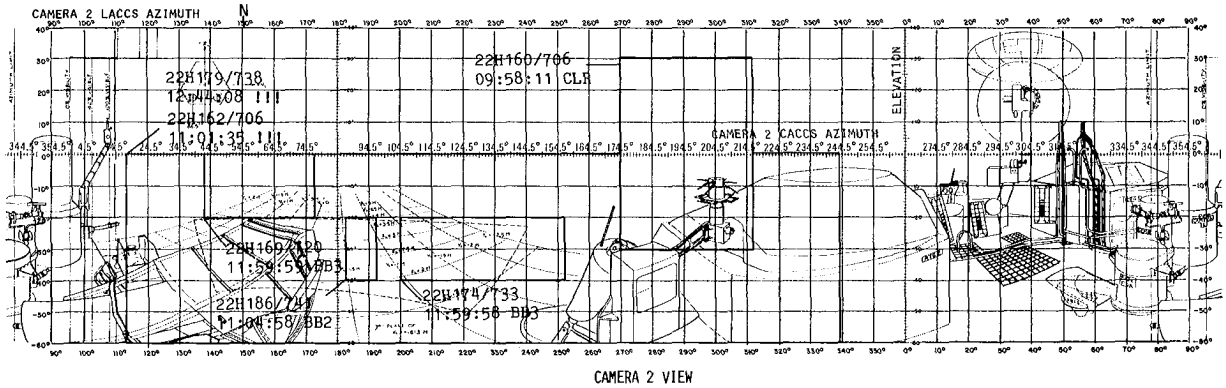
CAMERA 2 VIEW

SOL 706-743

21H161-22H192



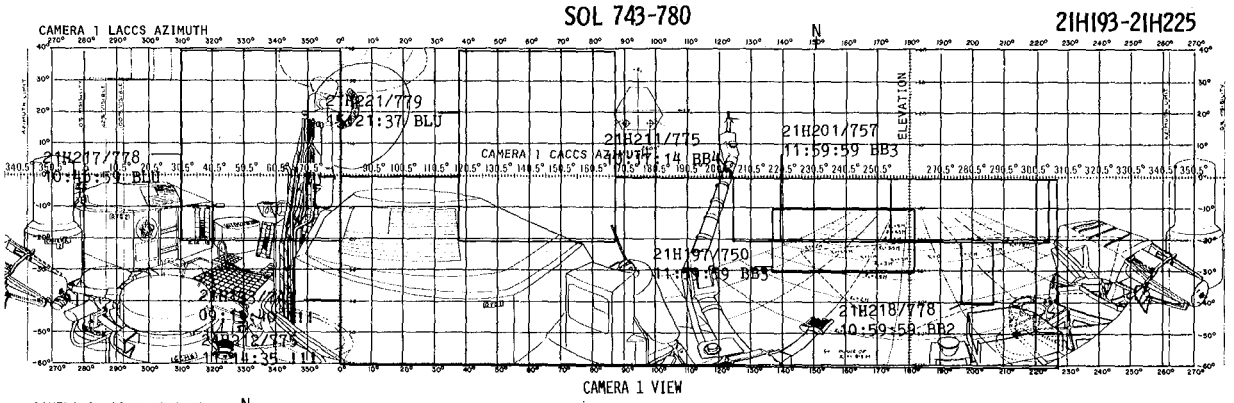
CAMERA 1 VIEW



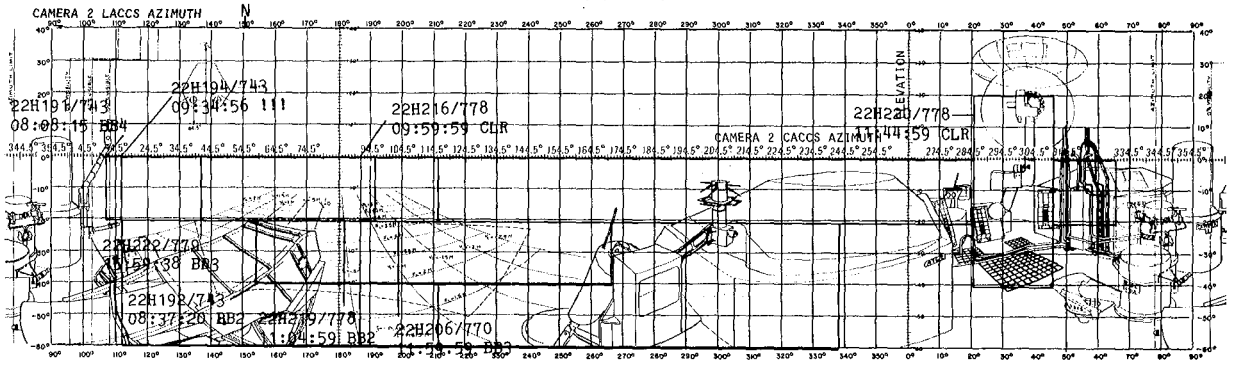
CAMERA 2 VIEW

SOL 743-780

21H193-21H225



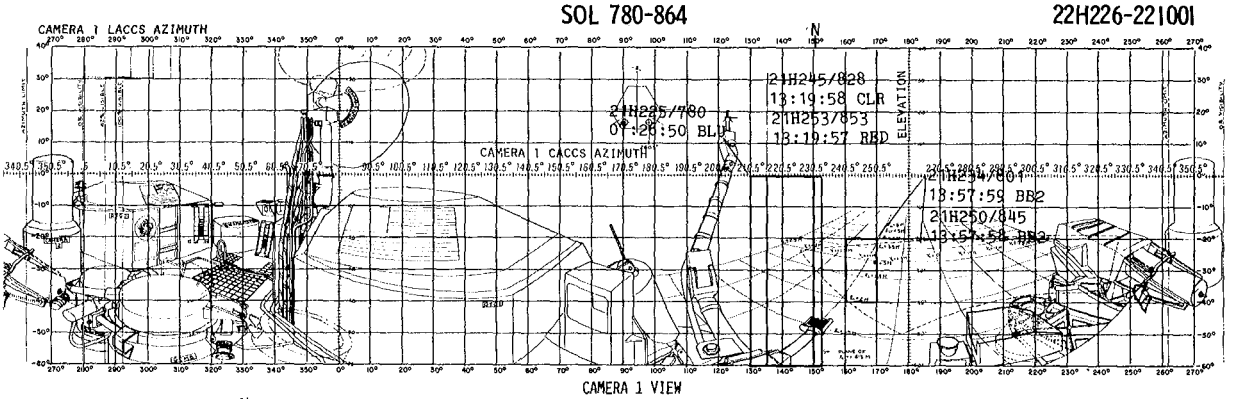
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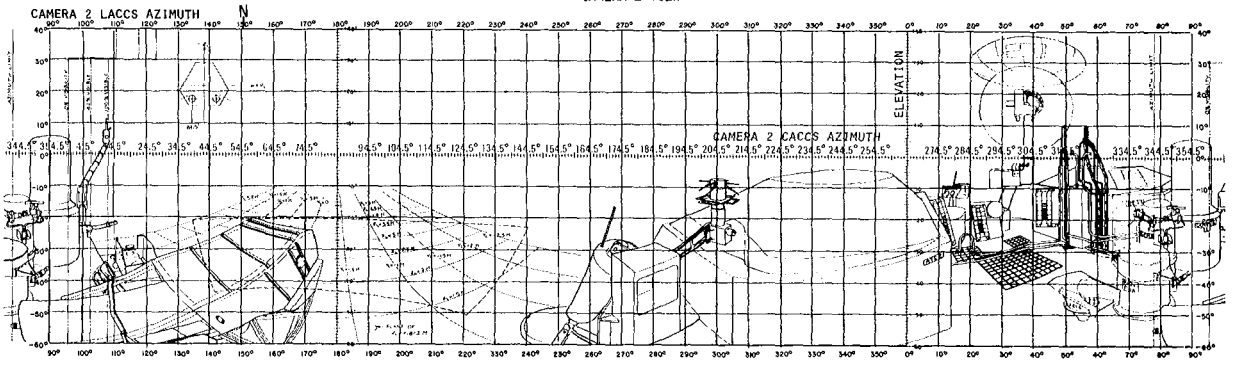
CAMERA 2 VIEW

SOL 780-864

22H226-221001



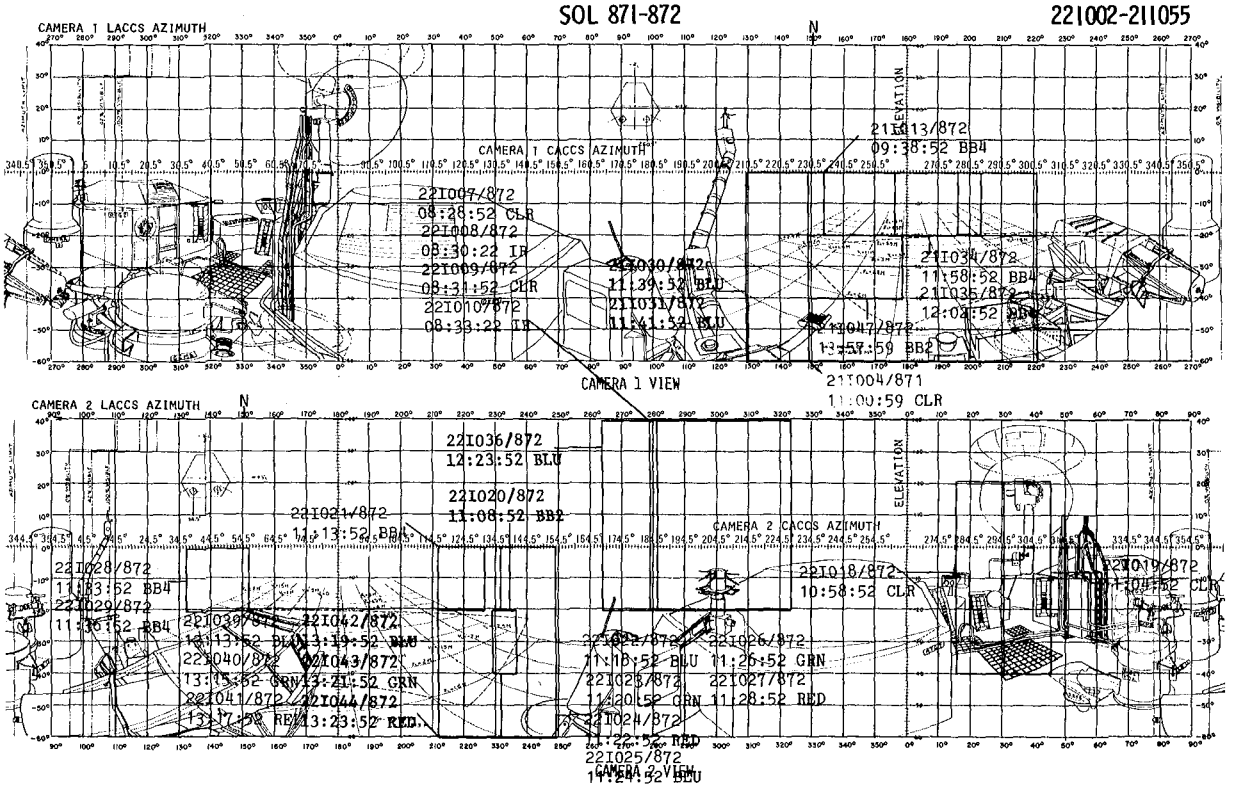
CAMERA 1 VIEW



CAMERA 2 VIEW

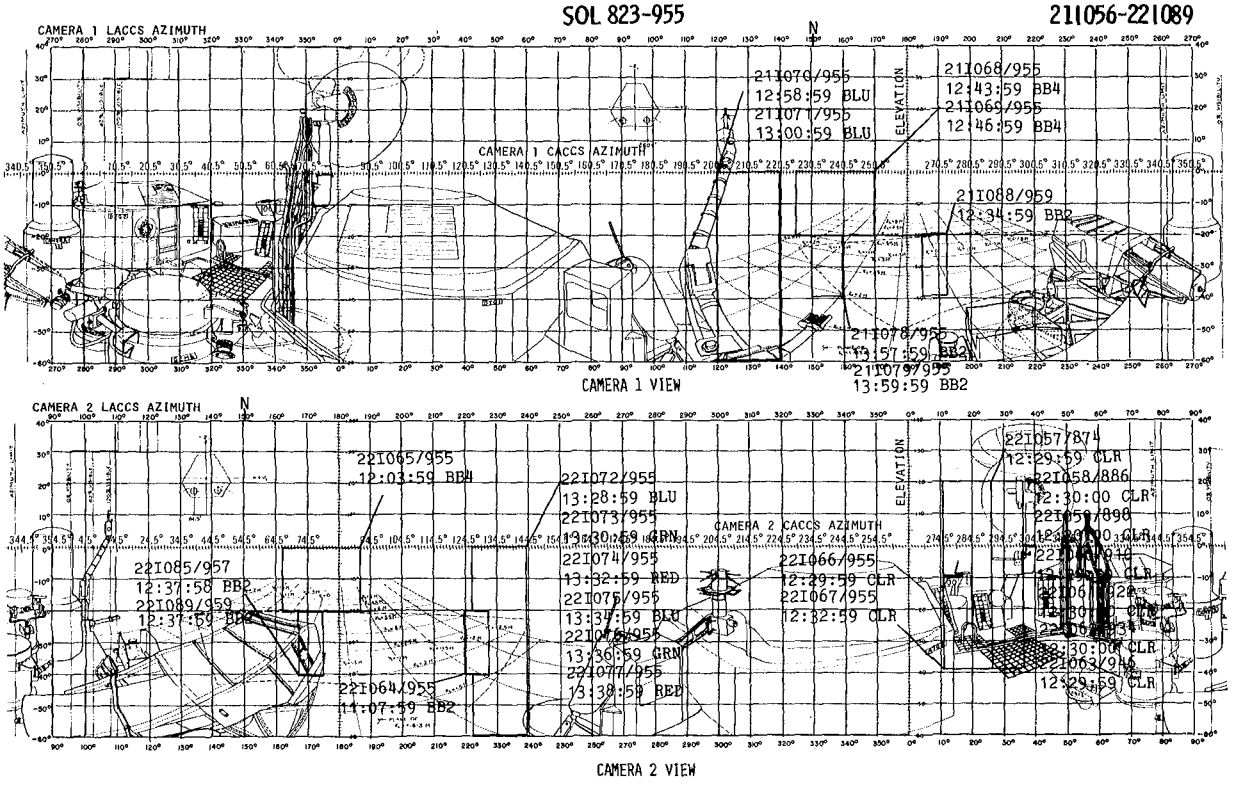
SOL 871-872

221002-221055



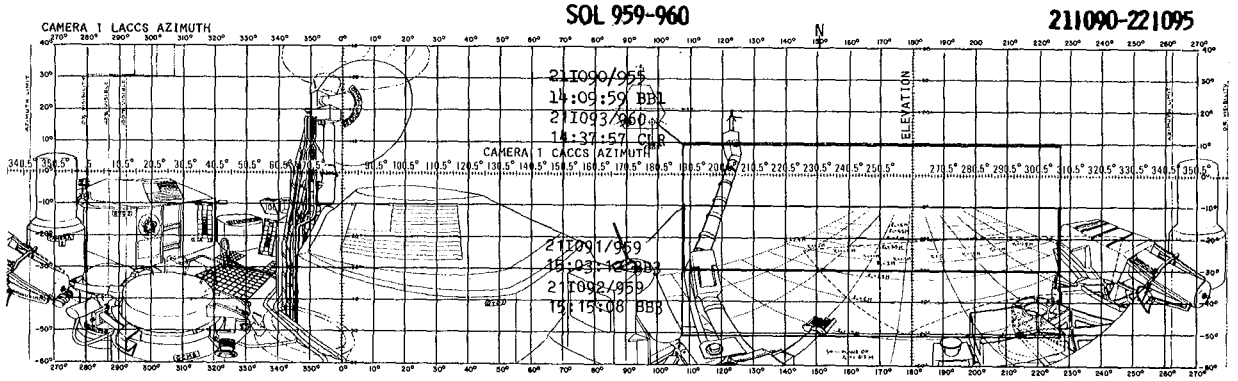
SOL 823-955

211056-221089

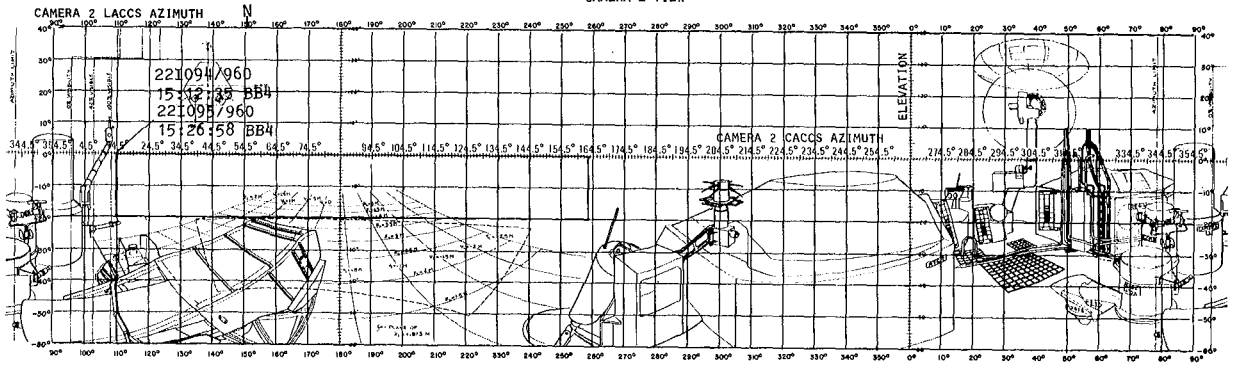


SOL 959-960

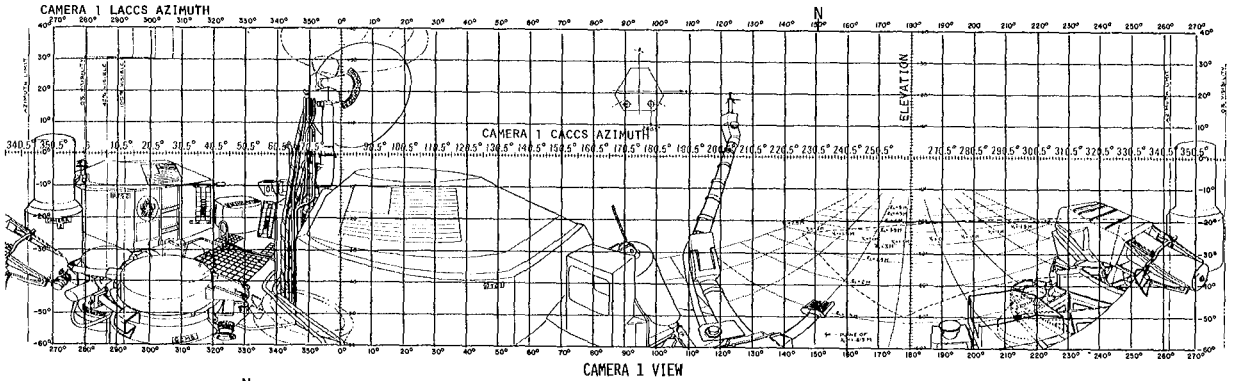
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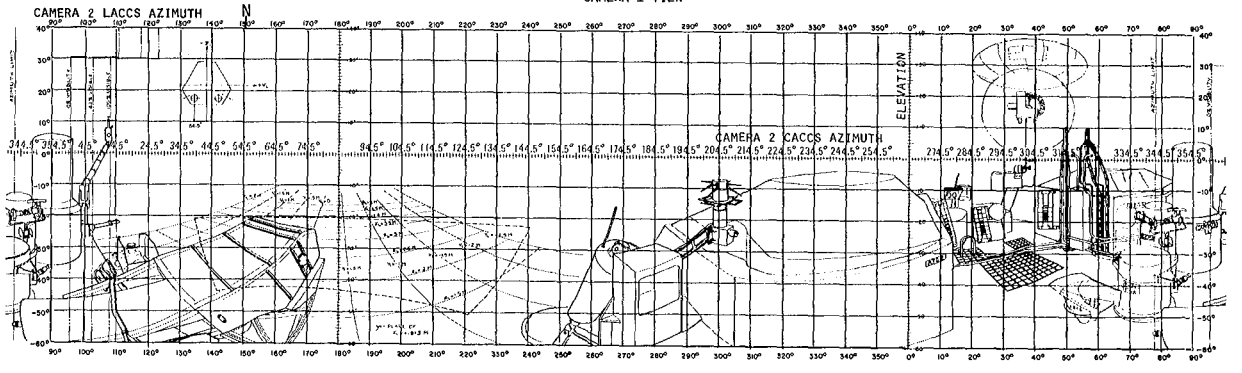
CAMERA 1 VIEW



CAMERA 2 VIEW



CAMERA 1 VIEW



CAMERA 2 VIEW

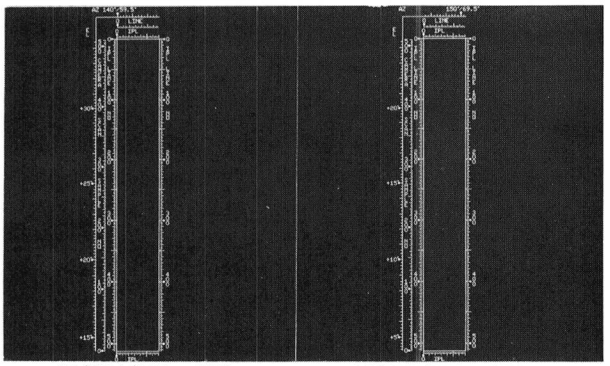
EDR IMAGES

VL-2 EXPERIMENT DATA RECORD IMAGES

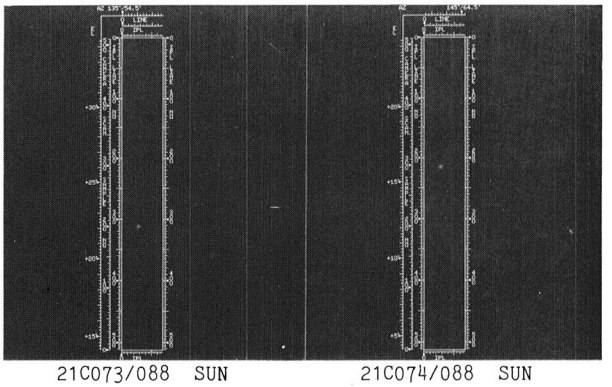
The EDR image displays present the images in the order in which they were acquired by the lander. Each page contains eight display windows. These windows may include two or three EDR images; where segments of two successive camera events are small enough to be positioned as pairs in a window, this is done. The first and last camera events (or partial camera events) appearing on a page are indicated in the title at the top of the page.

The photographic quality of the original EDR images is significantly reduced because of the limitations of space. The need to reproduce several images on each page also reduces the opportunity to maximize the reproduction quality. Nevertheless, these illustrations should serve as an invaluable tool for quickly locating certain photoproducts needed for specific purposes.

21C071/073–22C090/120



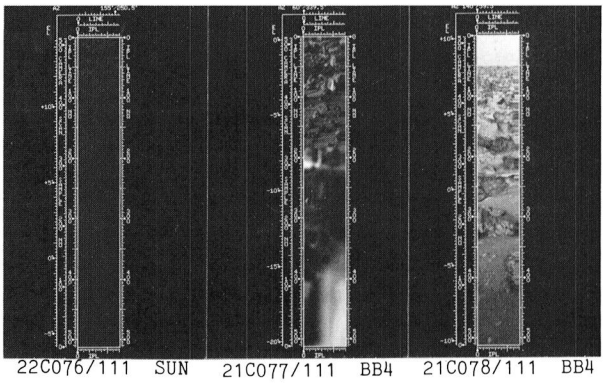
21C071/073 SUN 21C072/073 SUN



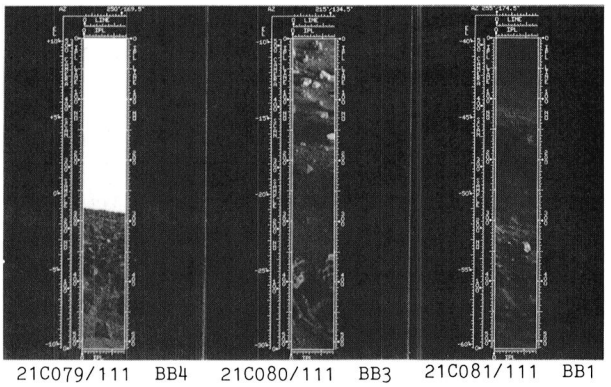
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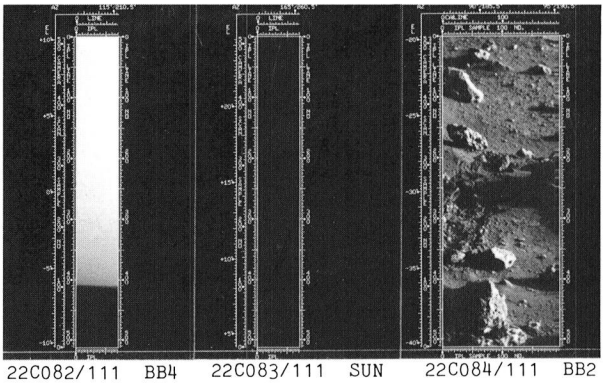
22C075/104 BB1



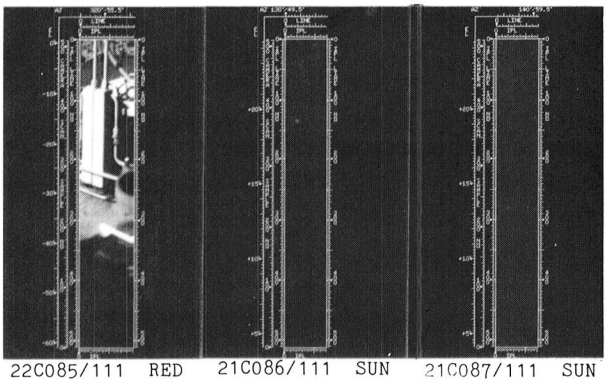
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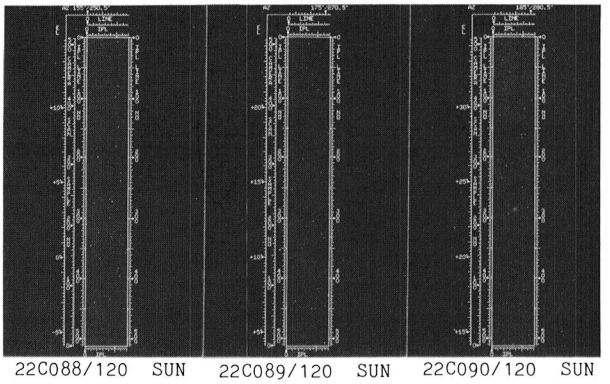
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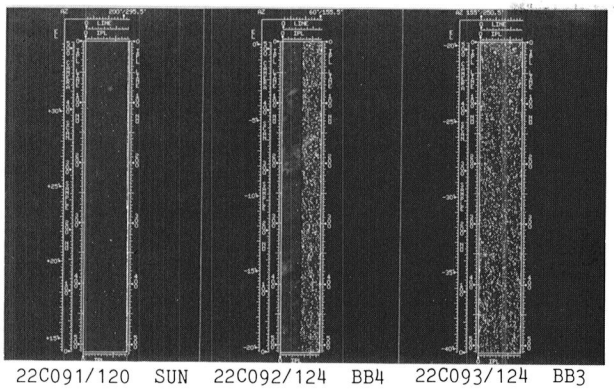
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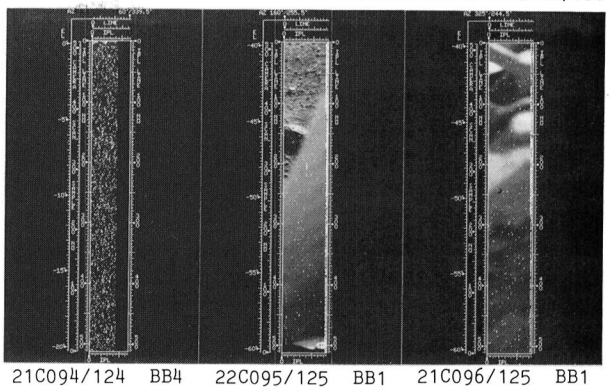
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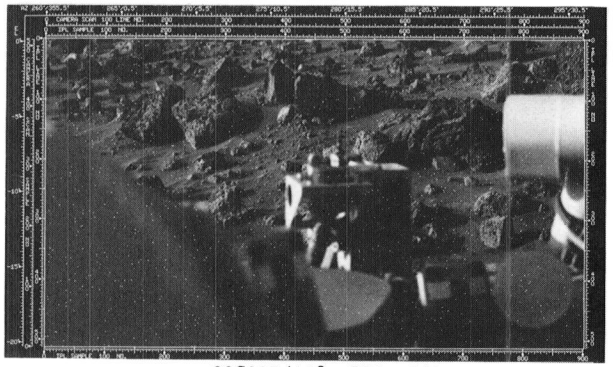
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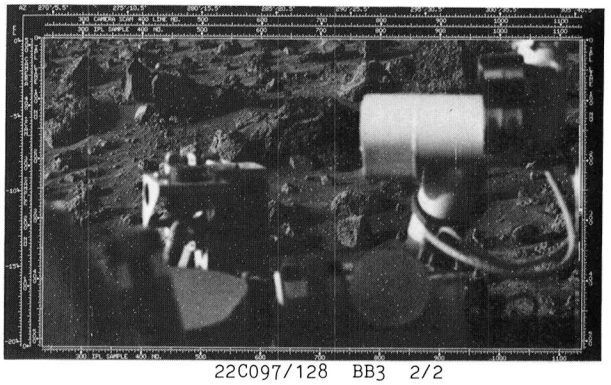
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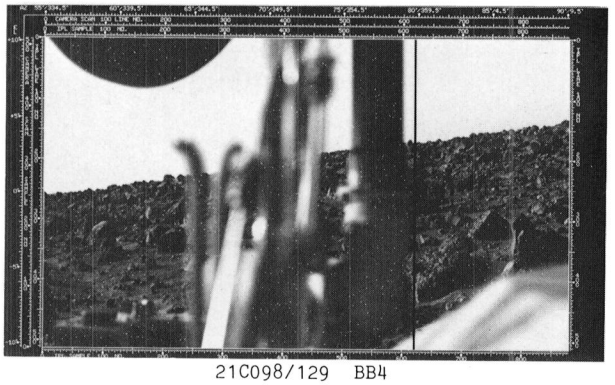
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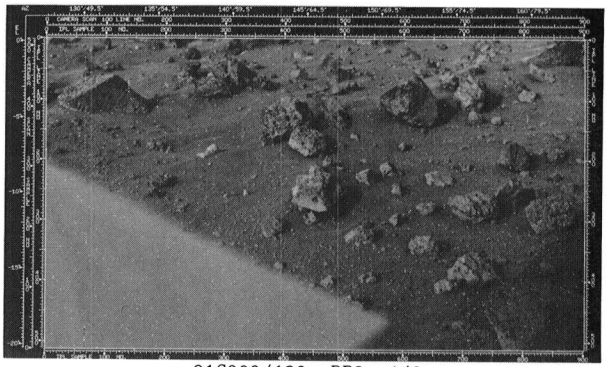
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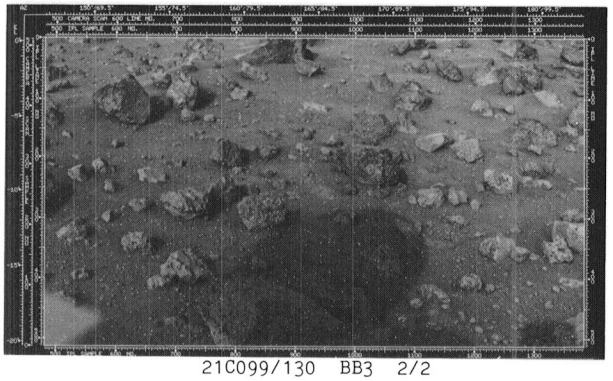
22C097/128 BB3 2/2



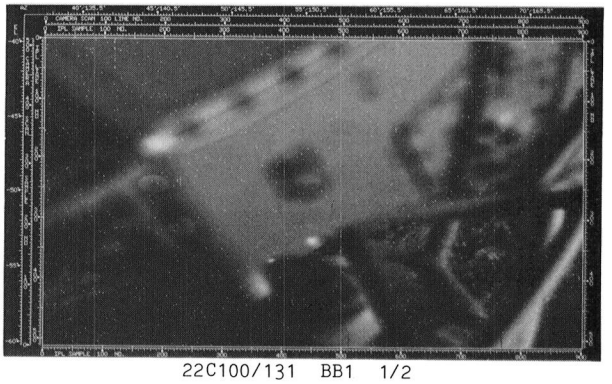
21C098/129 BB4



21C099/130 BB3 1/2

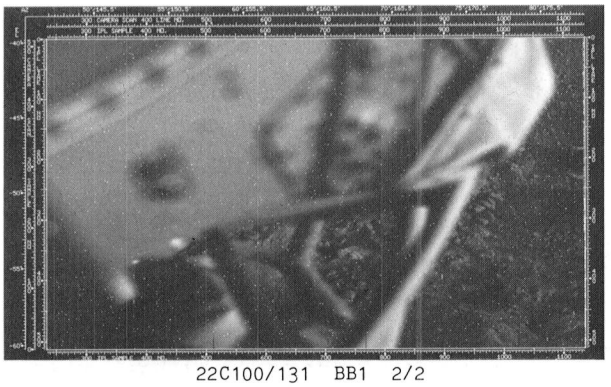


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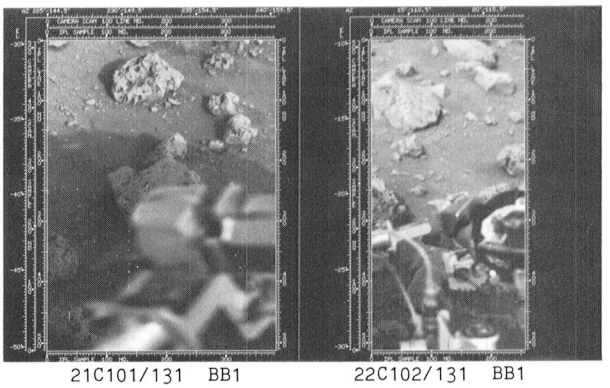


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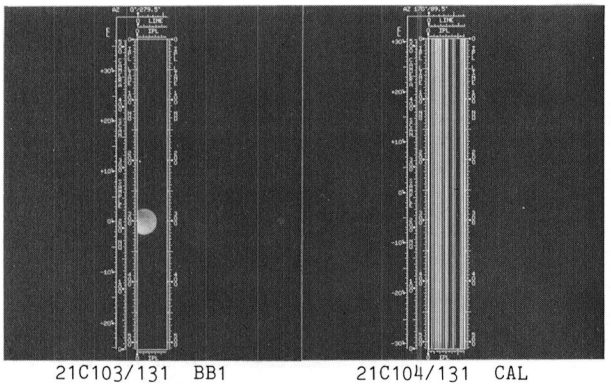
22C100/131–22C108/132



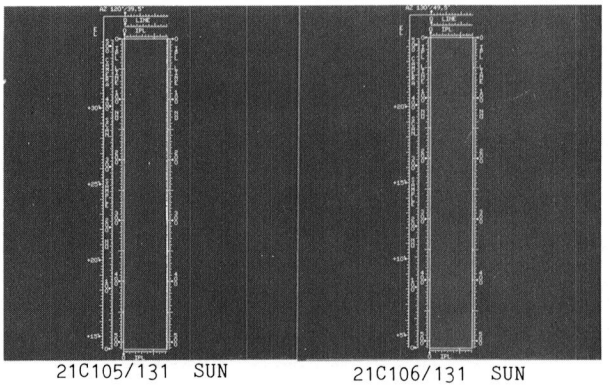
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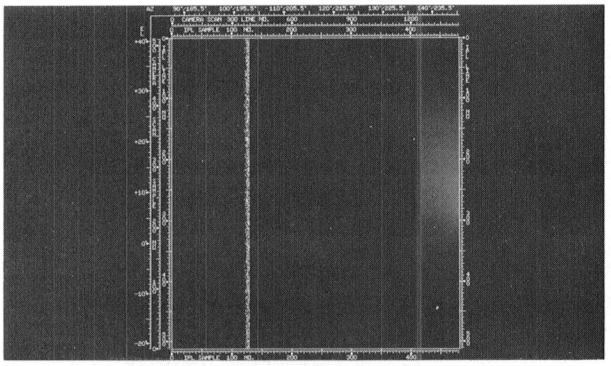
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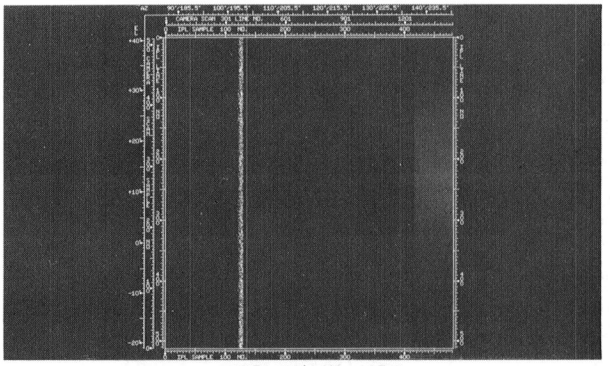
21C103/131 BB1 21C104/131 CAL



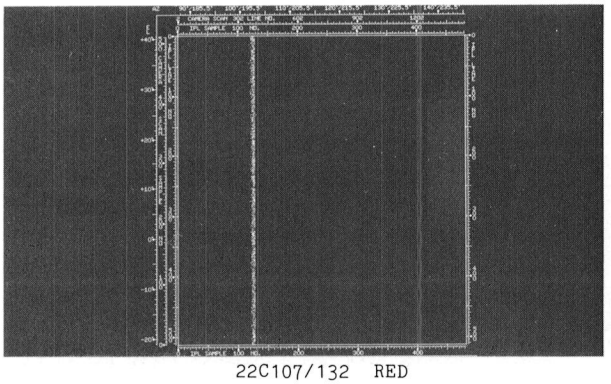
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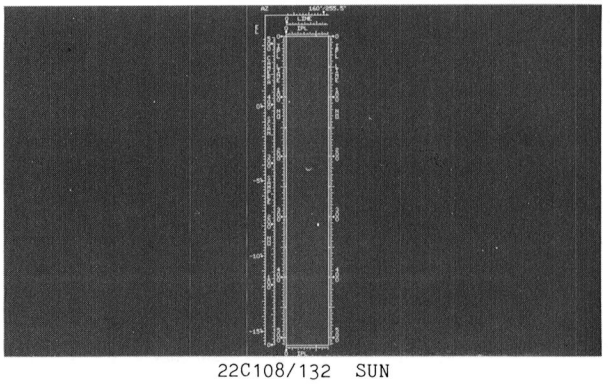
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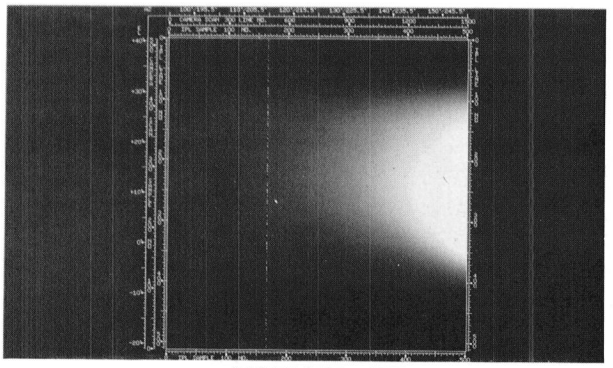
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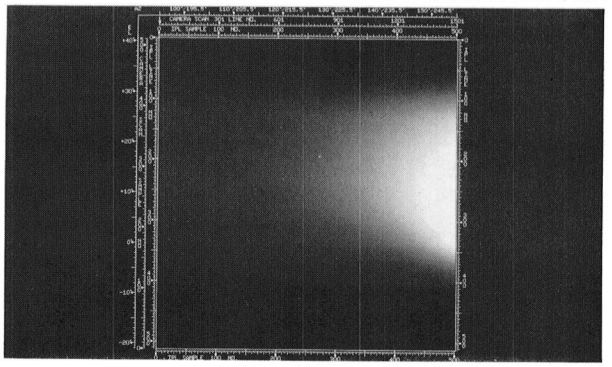
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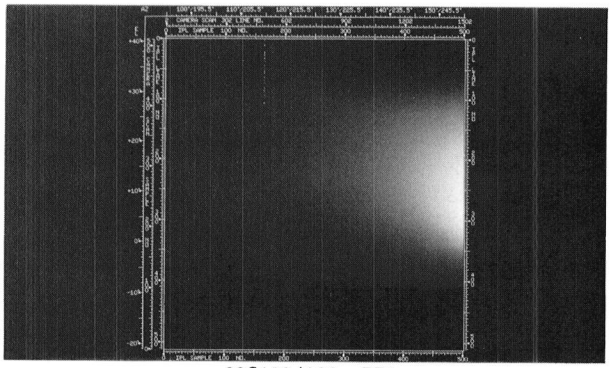
22C108/132 SUN



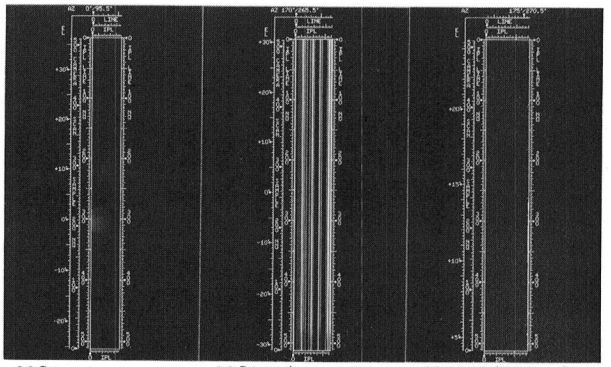
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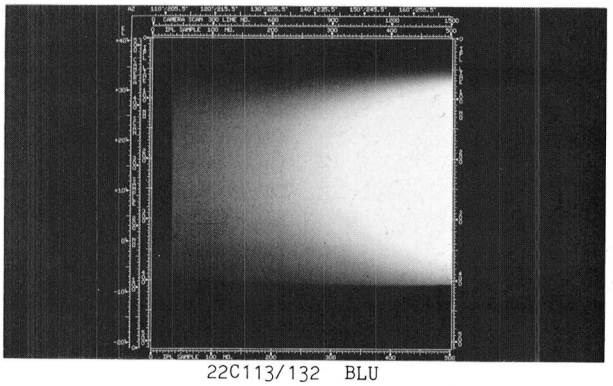
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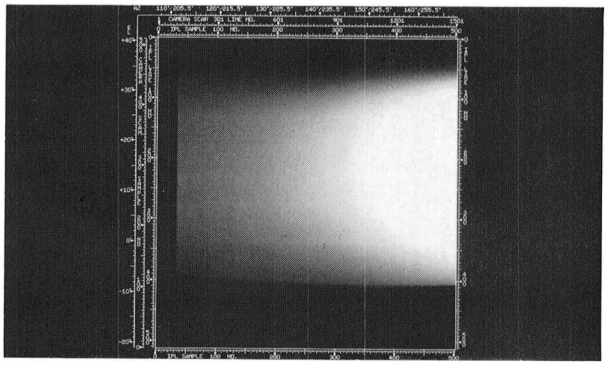
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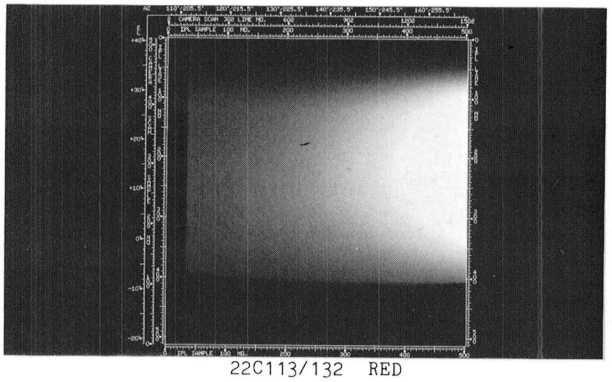
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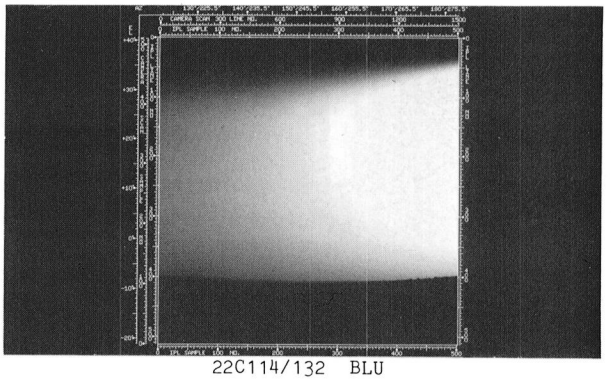
22C113/132 BLU



22C113/132 GRN

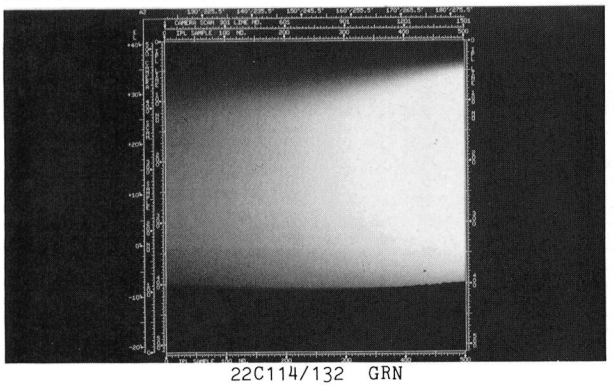


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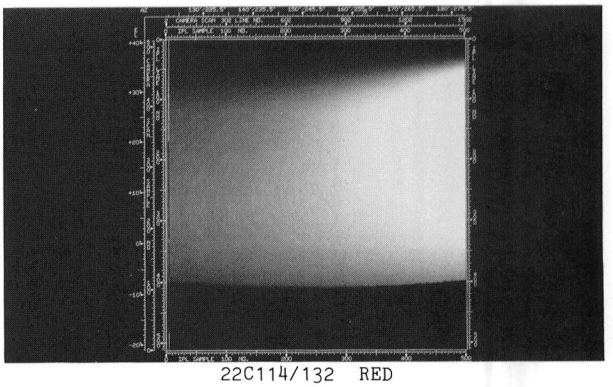


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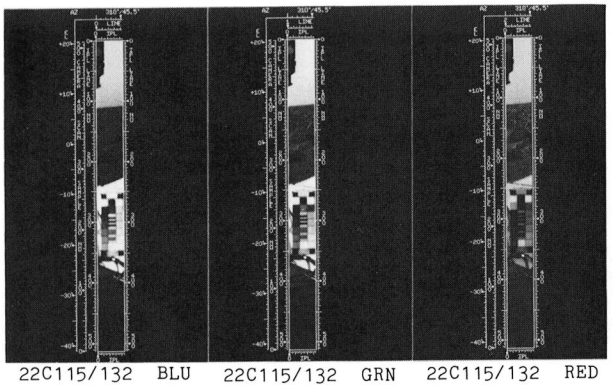
22C114/132–22C118/132



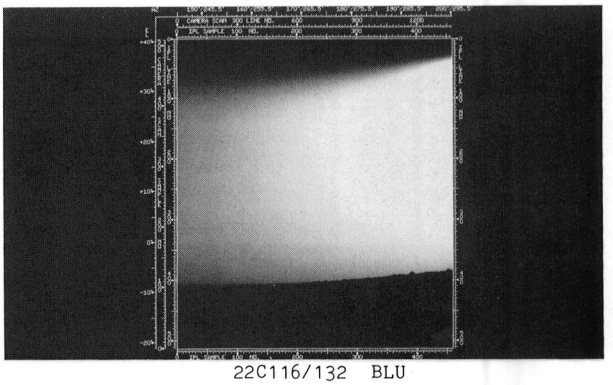
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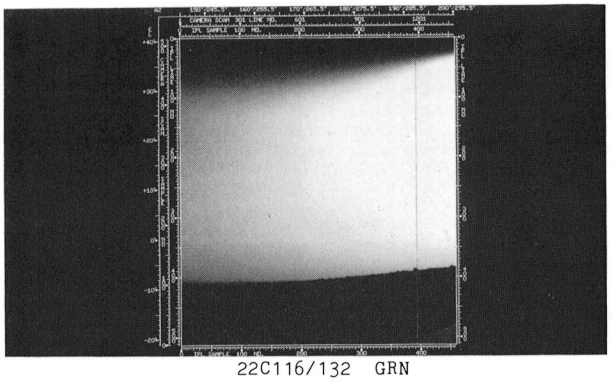
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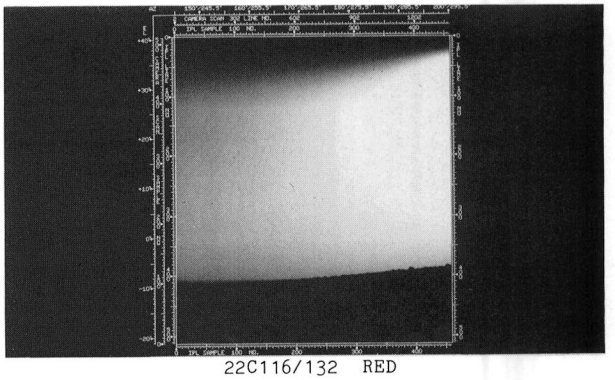
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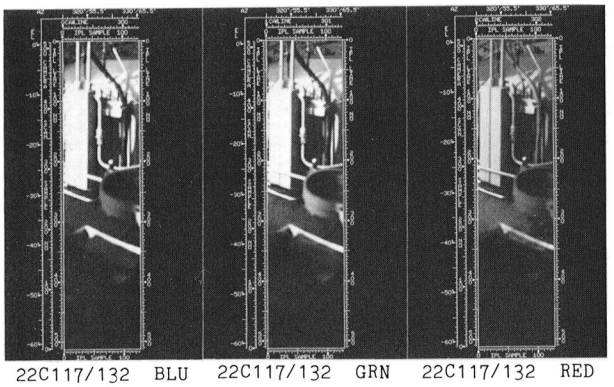
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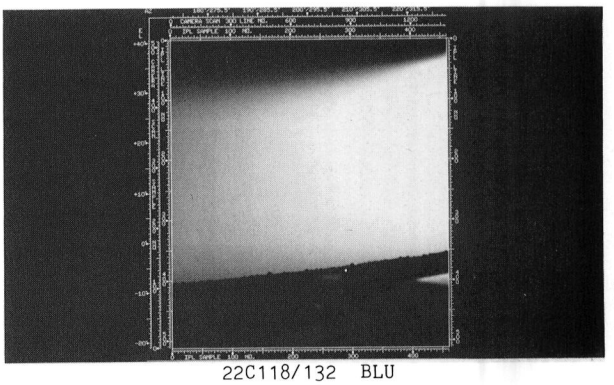
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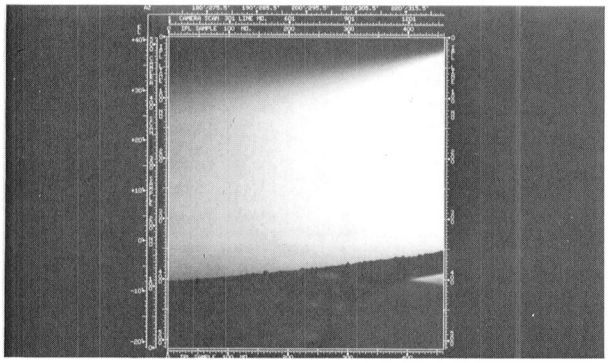
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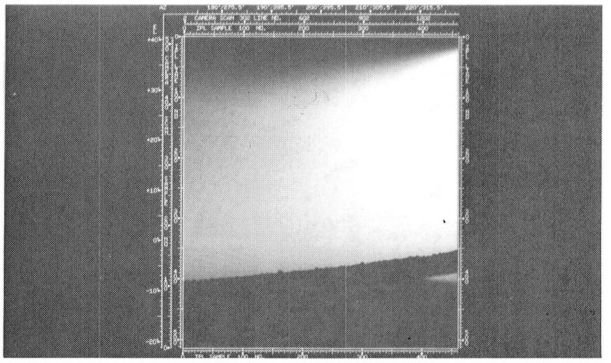
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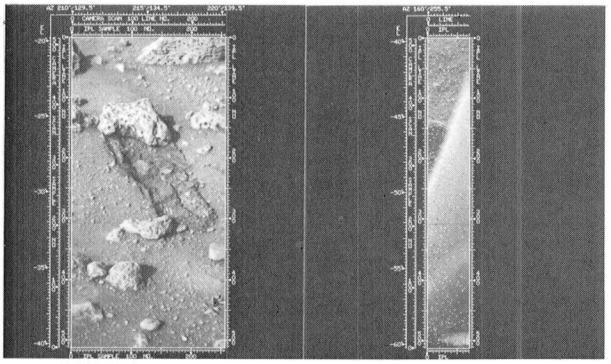
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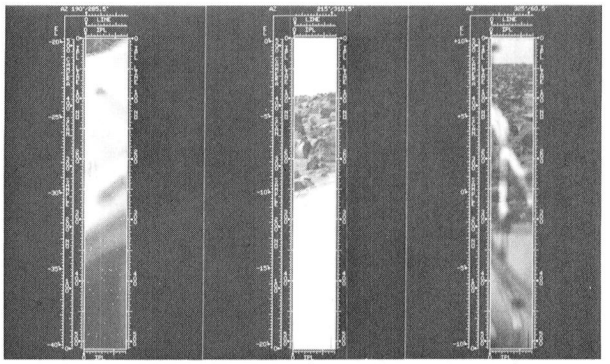
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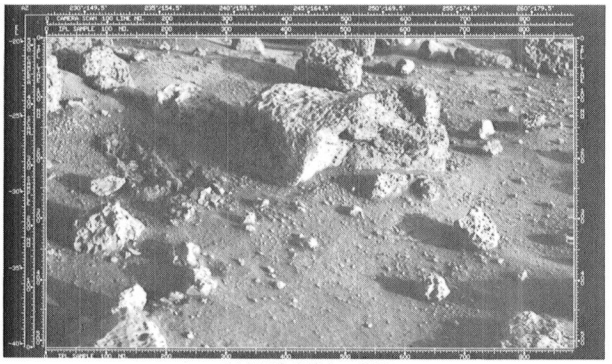
22C118/132 RED



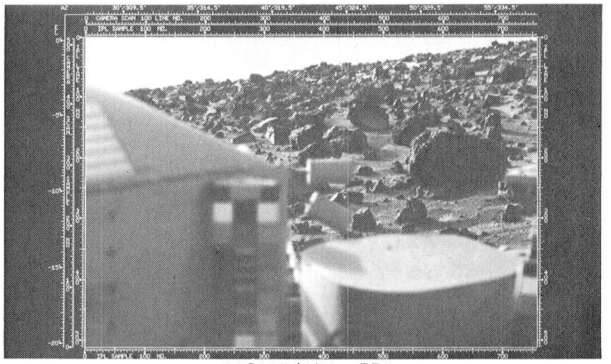
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22C121/141 BB3 22C122/141 BB4 22C123/141 BB4



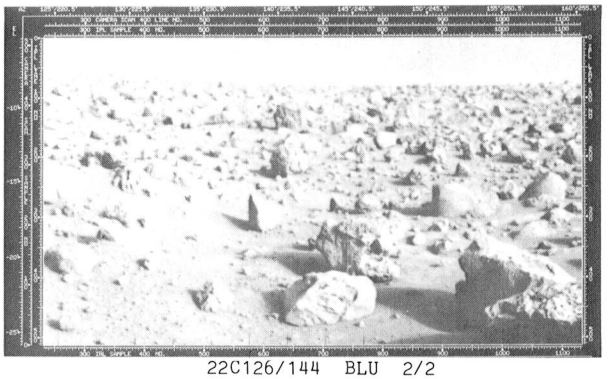
21C124/141 BB2



21C125/141 BB4

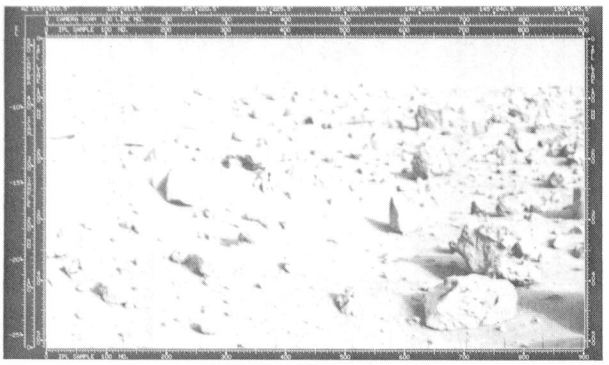


22C126/144 BLU 1/2

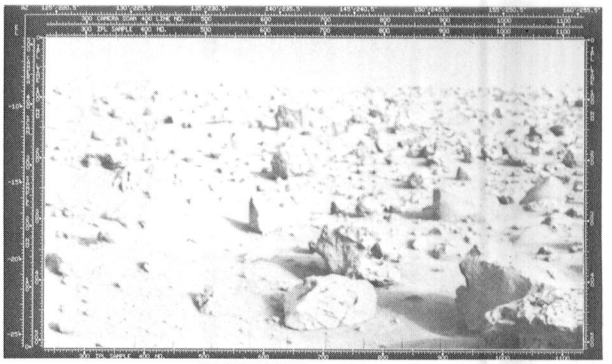


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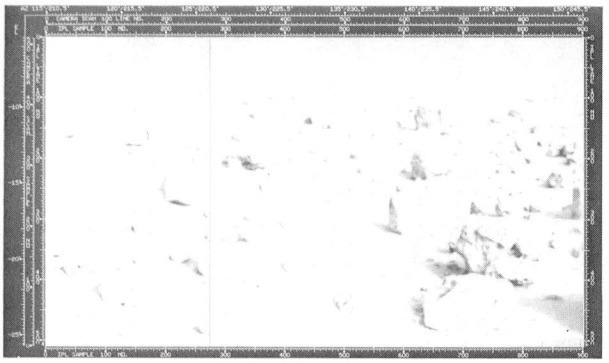
22C127/144–21C132/145



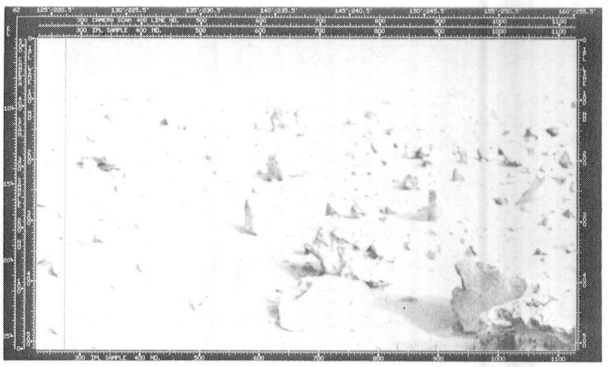
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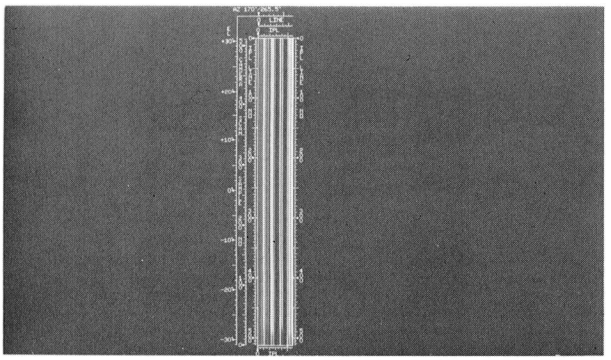
22C127/144 GRN 2/2



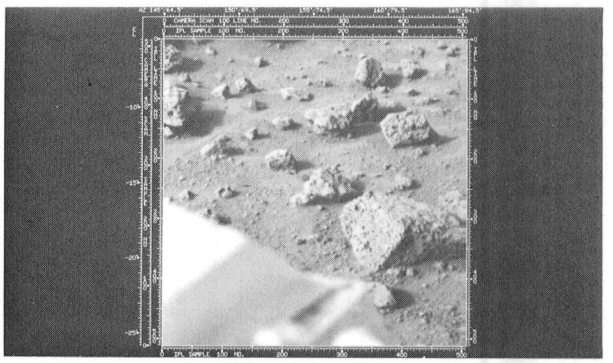
22C128/144 RED 1/2



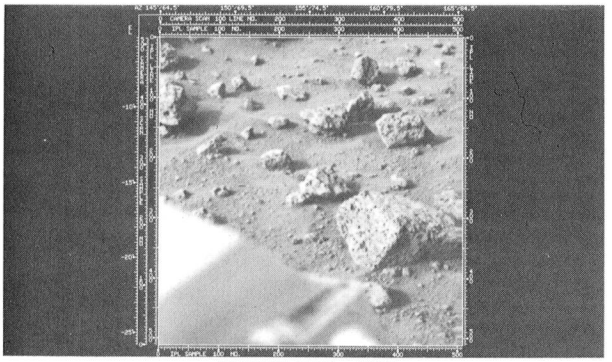
22C128/144 RED 2/2



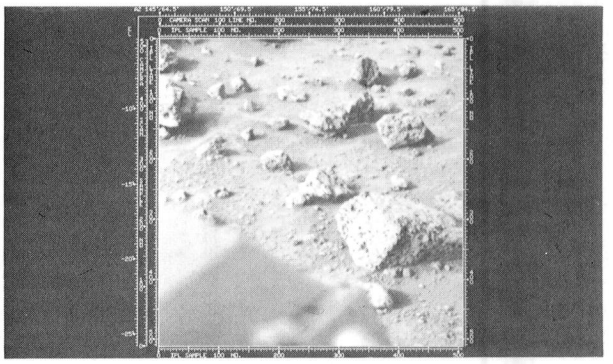
22C129/144 CAL



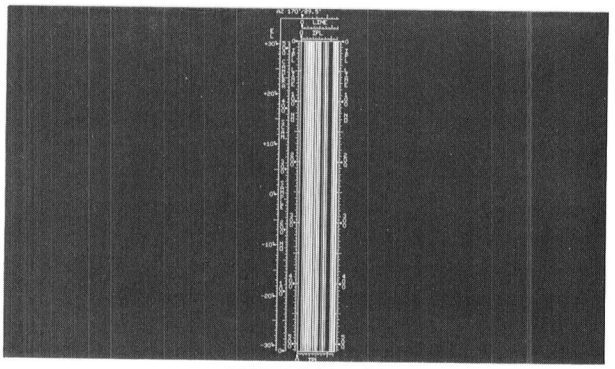
21C130/145 BLU



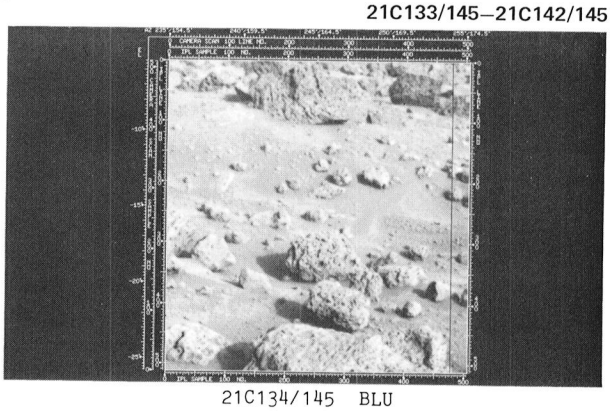
21C131/145 GRN



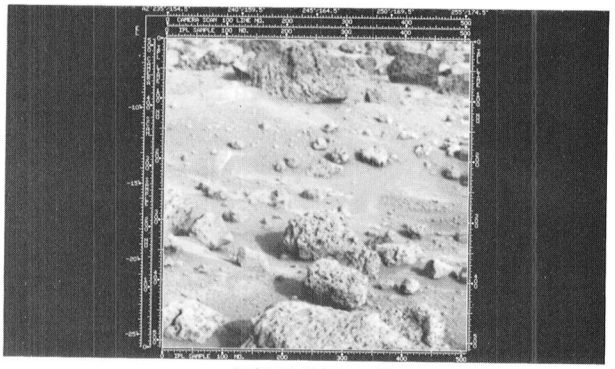
21C132/145 RED



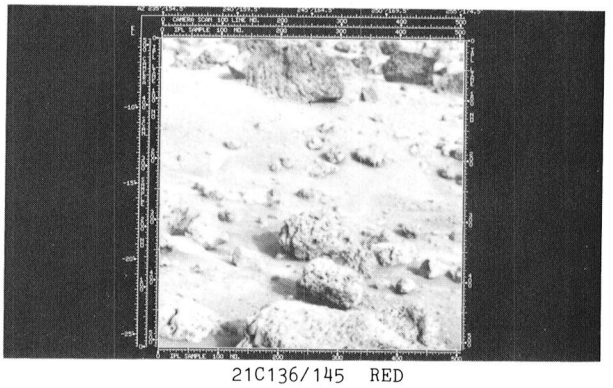
21C133/145 CAL



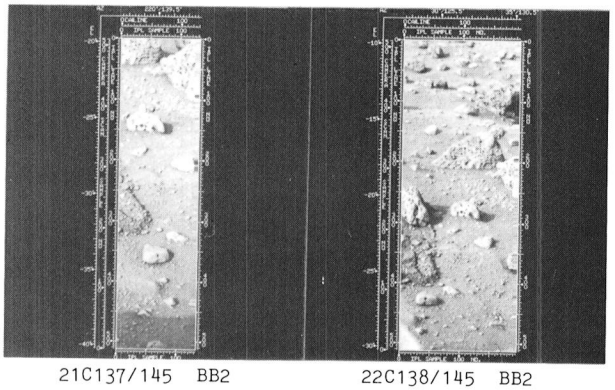
21C134/145 BLU



21C135/145 GRN

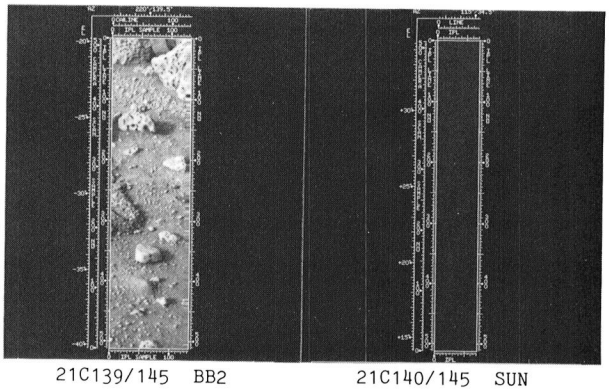


21C136/145 RED



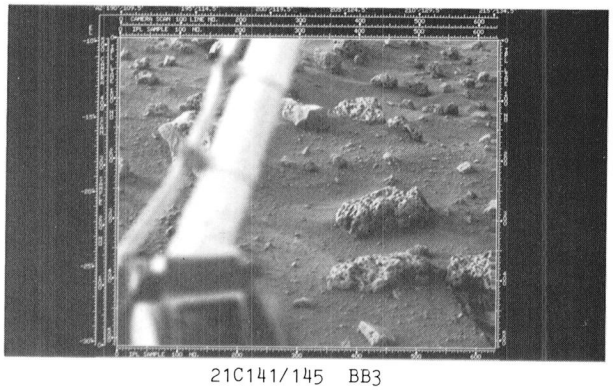
21C137/145 BB2

22C138/145 BB2

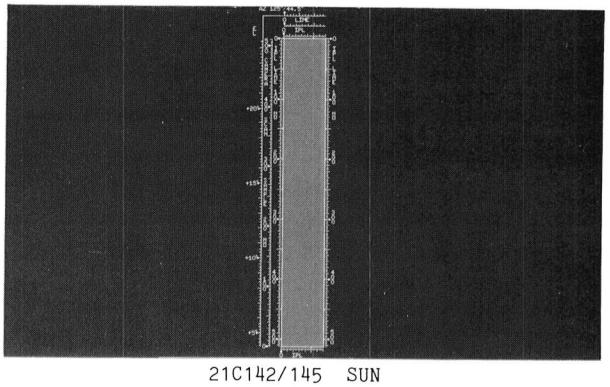


21C139/145 BB2

21C140/145 SUN

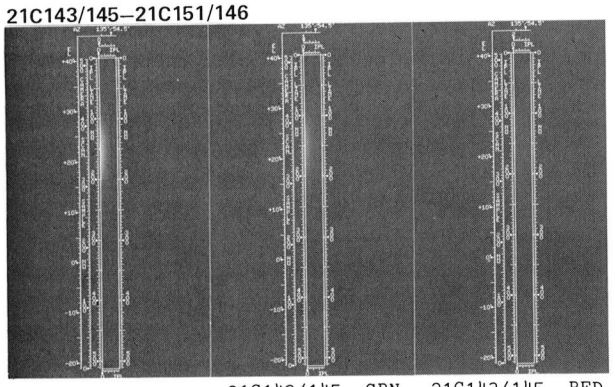


21C141/145 BB3

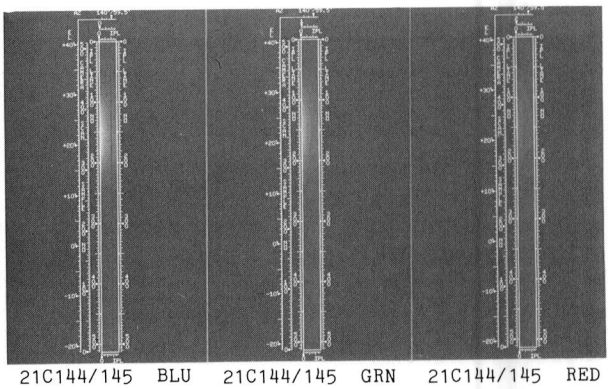


21C142/145 SUN

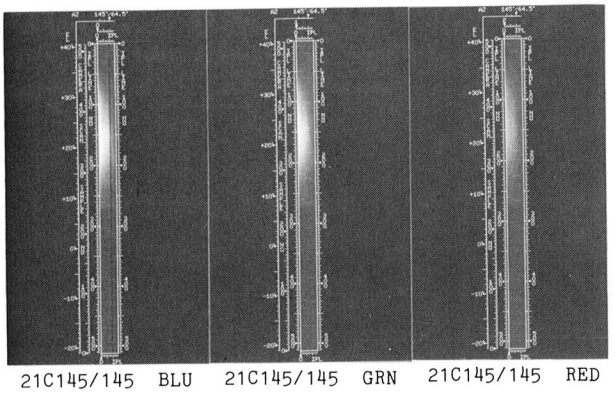
21C143/145–21C151/146



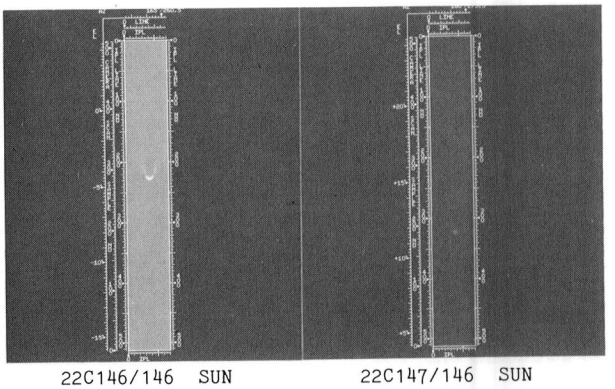
21C143/145 BLU 21C143/145 GRN 21C143/145 RED



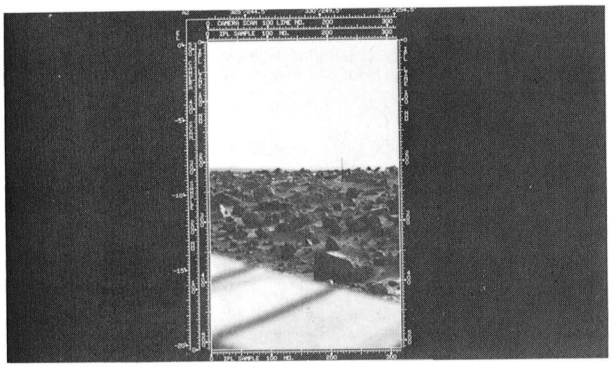
21C144/145 BLU 21C144/145 GRN 21C144/145 RED



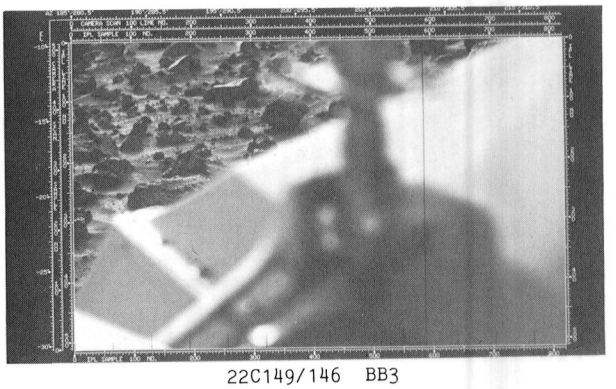
21C145/145 BLU 21C145/145 GRN 21C145/145 RED



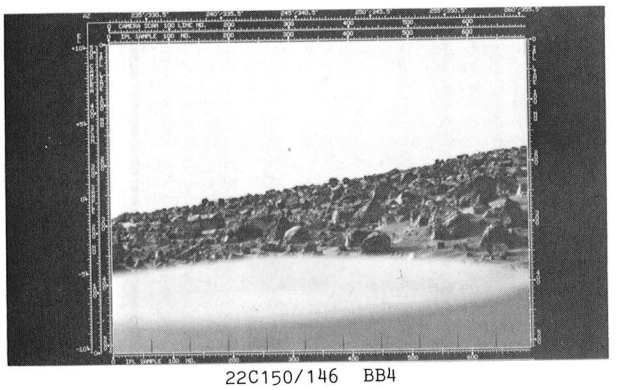
22C146/146 SUN 22C147/146 SUN



21C148/146 BB4



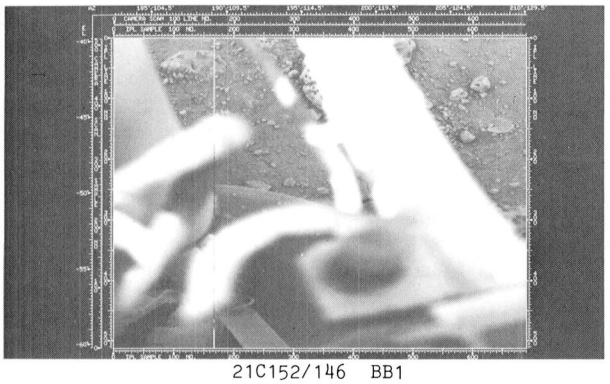
22C149/146 BB3



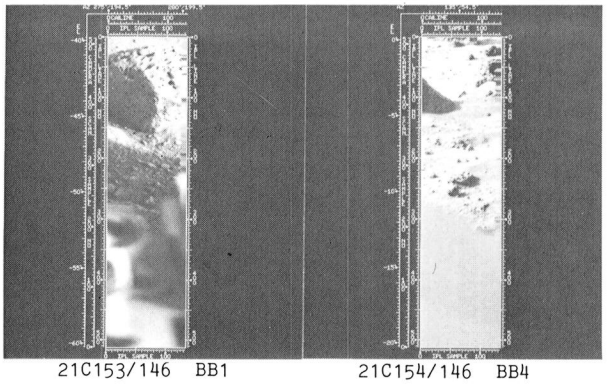
22C150/146 BB4



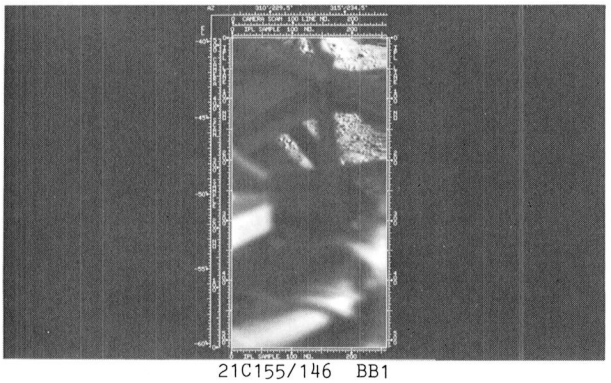
21C151/146 BB4



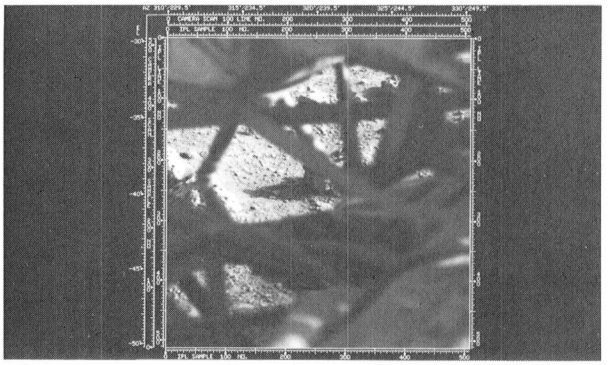
21C152/146 BB1



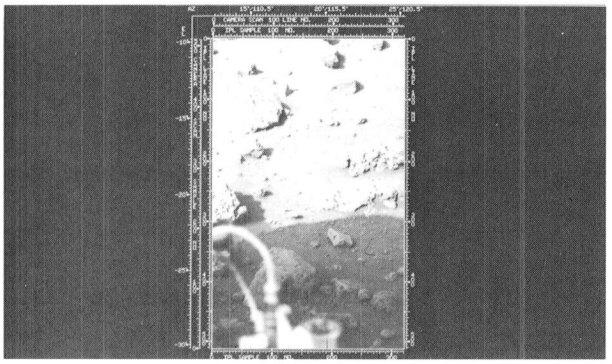
21C153/146 BB1 21C154/146 BB4



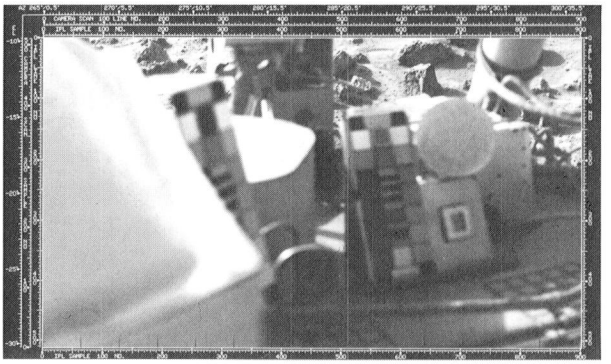
21C155/146 BB1



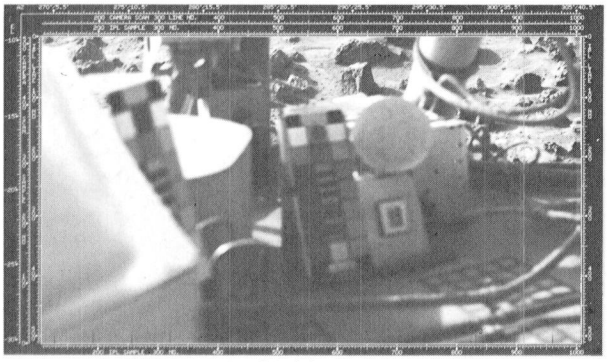
21C156/146 BB2



22C157/146 BB3



22C158/146 BB3 1/2

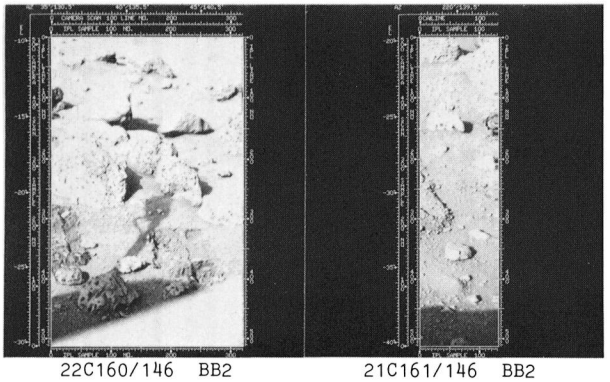


22C158/146 BB3 2/2

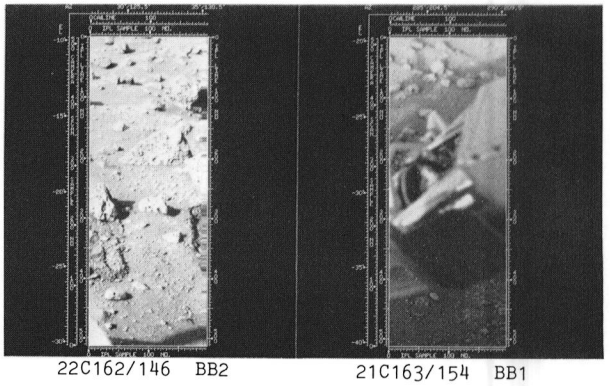


21C159/146 BB2

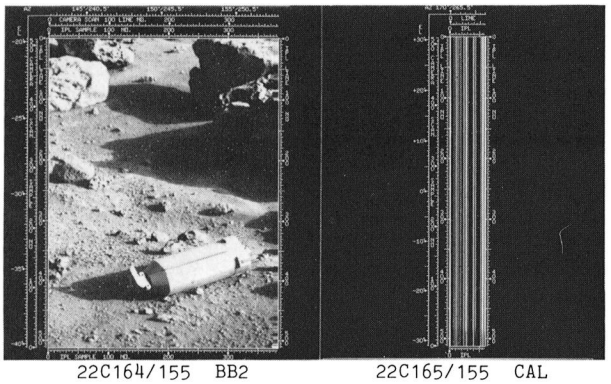
22C160/146–22C170/158



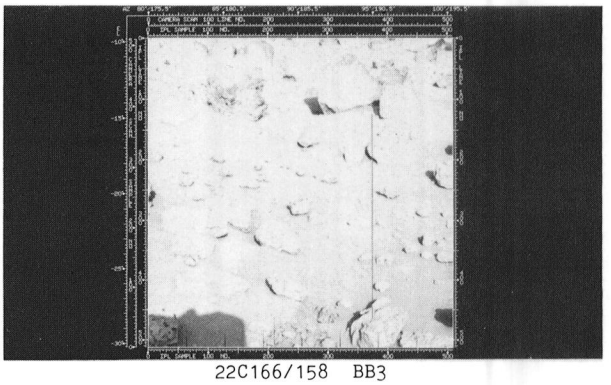
22C160/146 BB2 21C161/146 BB2



22C162/146 BB2 21C163/154 BB1



22C164/155 BB2 22C165/155 CAL



22C166/158 BB3



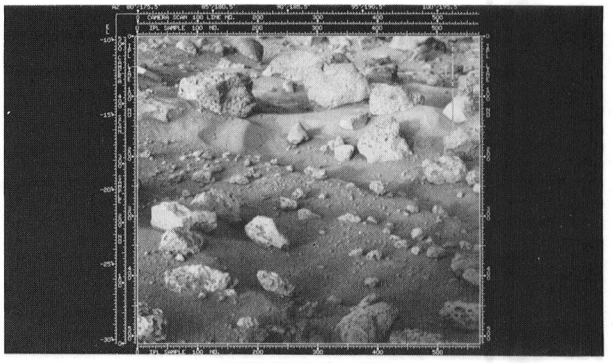
22C167/158 BB3



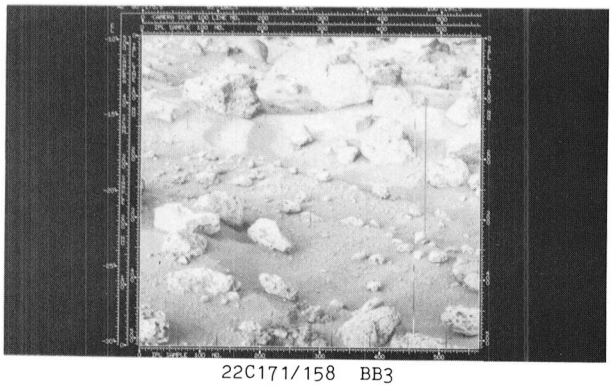
22C168/158 BB3



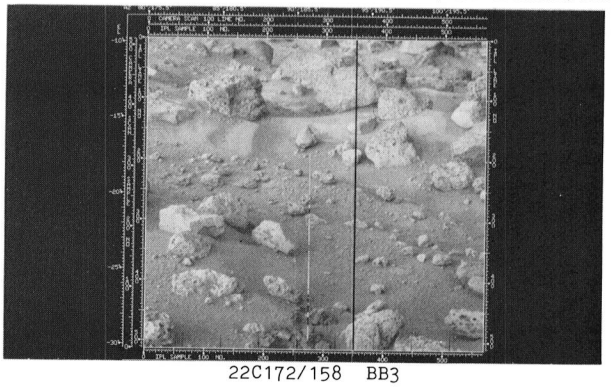
22C169/158 BB3



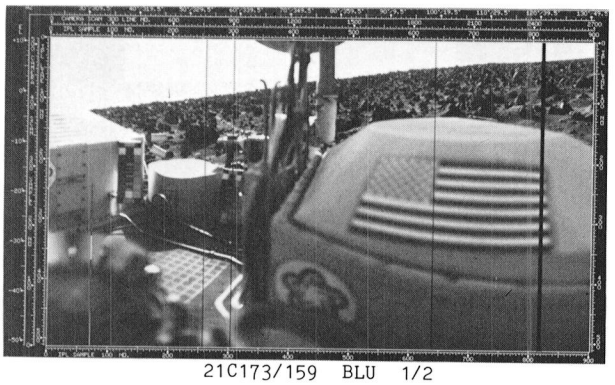
22C170/158 BB3



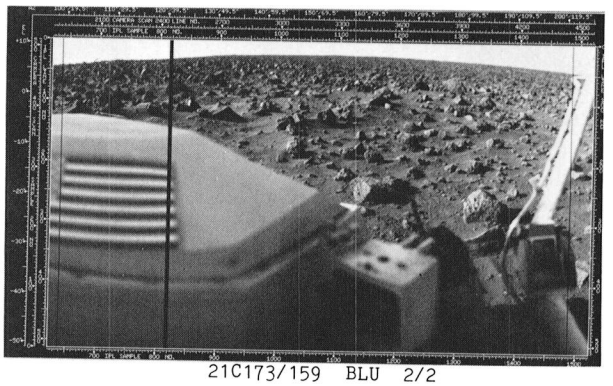
22C171/158 BB3



22C172/158 BB3



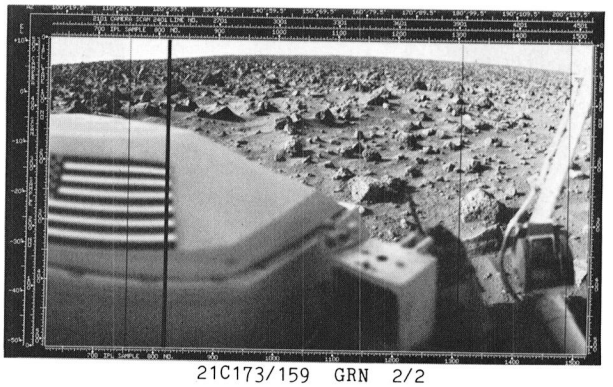
21C173/159 BLU 1/2



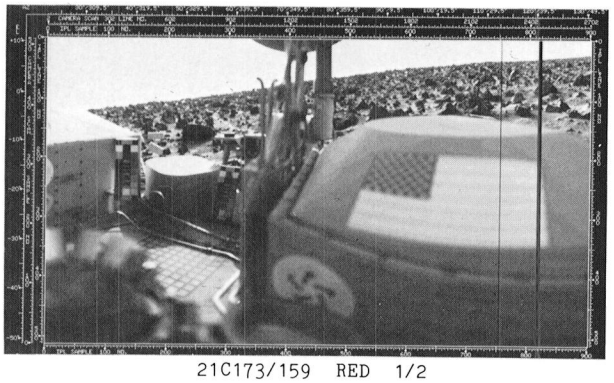
21C173/159 BLU 2/2



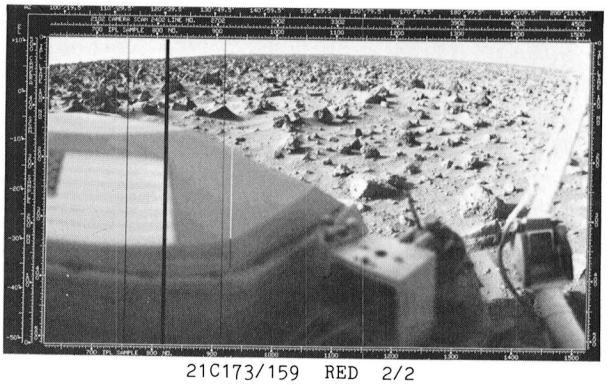
21C173/159 GRN 1/2



21C173/159 GRN 2/2

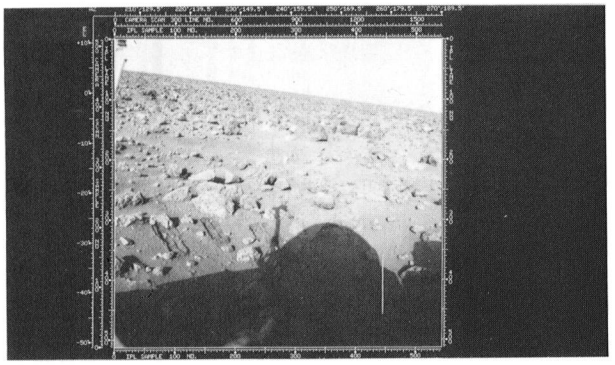


21C173/159 RED 1/2

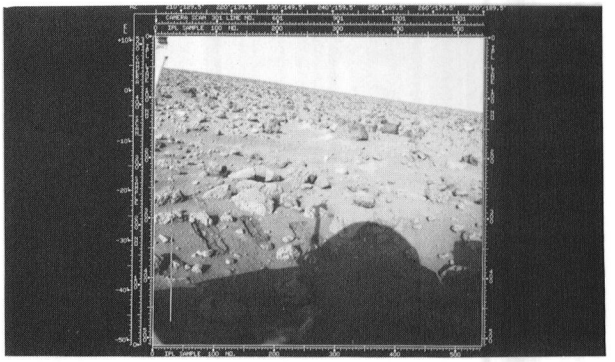


21C173/159 RED 2/2

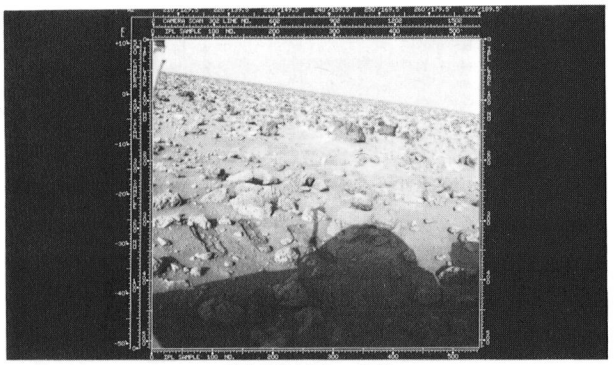
21C174/159–21C179/159



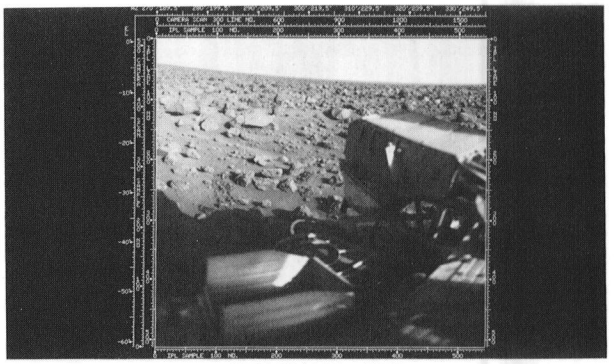
21C174/159 BLU



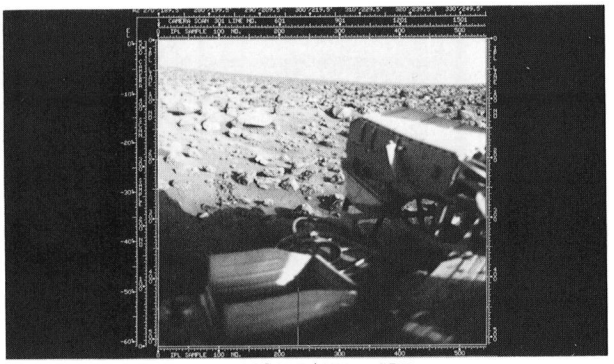
21C174/159 GRN



21C174/159 RED



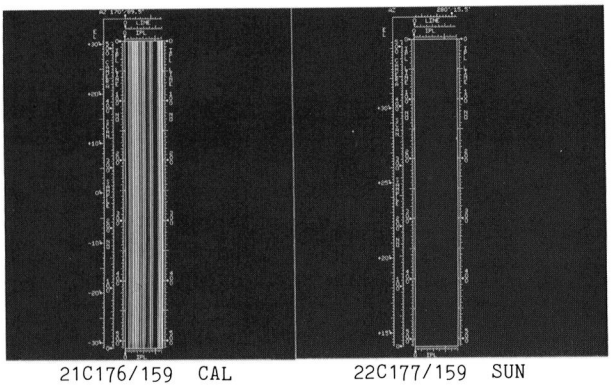
21C175/159 BLU



21C175/159 GRN

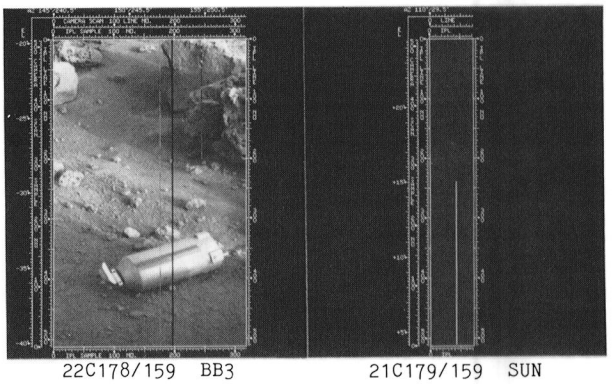


21C175/159 RED



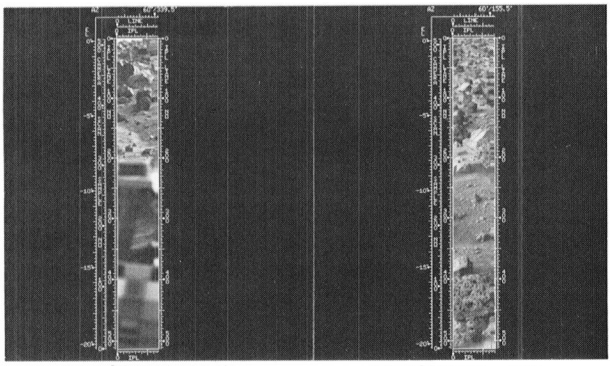
21C176/159 CAL

22C177/159 SUN

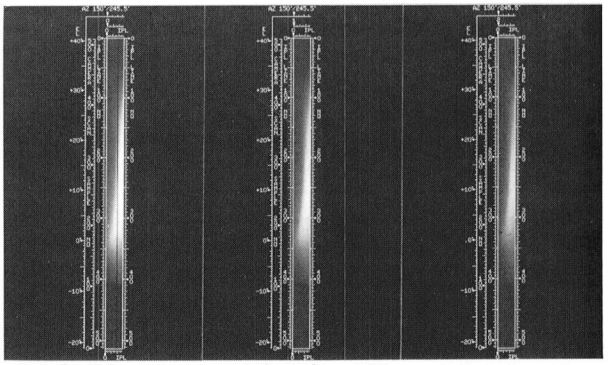


22C178/159 BB3

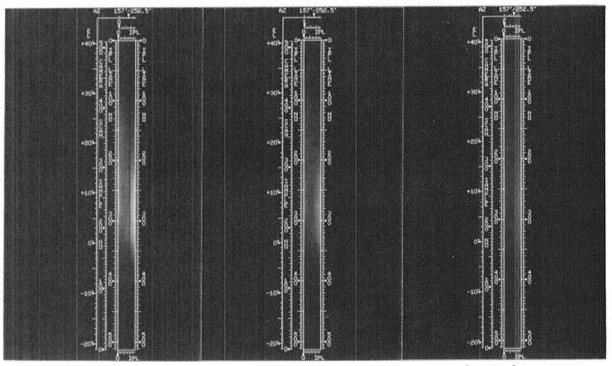
21C179/159 SUN



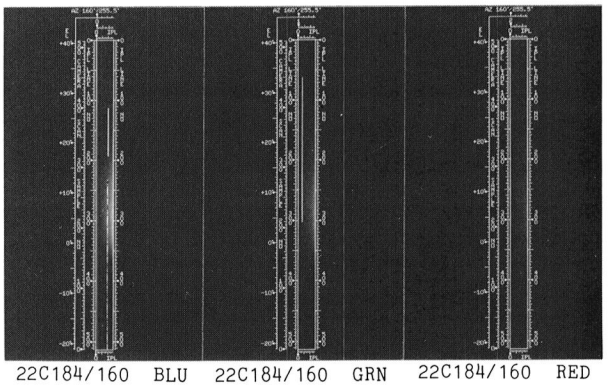
21C180/159 BB4 22C181/159 BB4



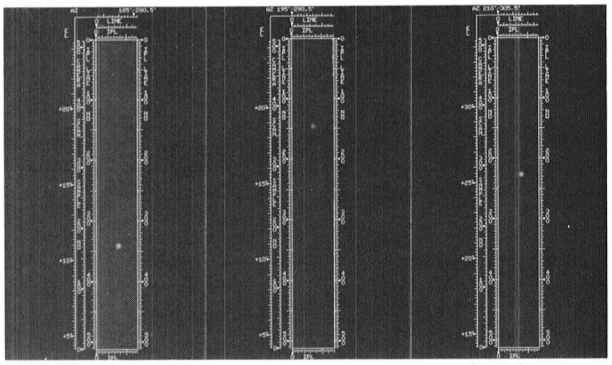
22C182/160 BLU 22C182/160 GRN 22C182/160 RED



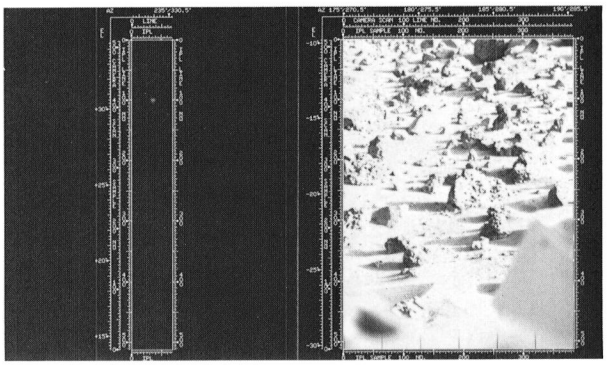
22C183/160 BLU 22C183/160 GRN 22C183/160 RED



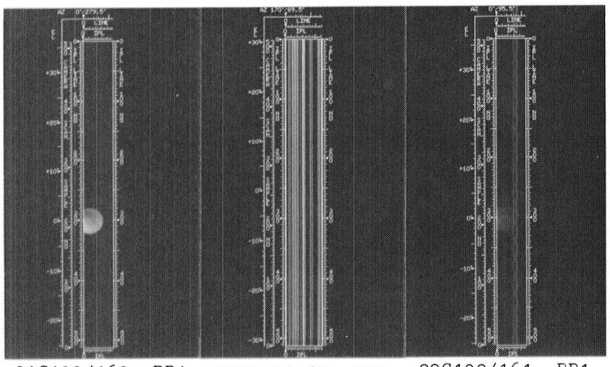
22C184/160 BLU 22C184/160 GRN 22C184/160 RED



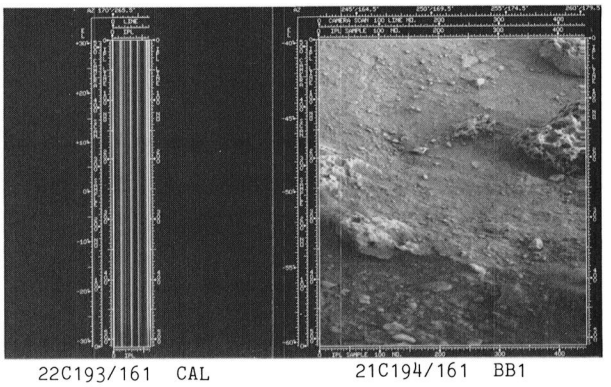
22C185/160 SUN 22C186/160 SUN 22C187/160 SUN



22C188/160 SUN 22C189/160 BB3

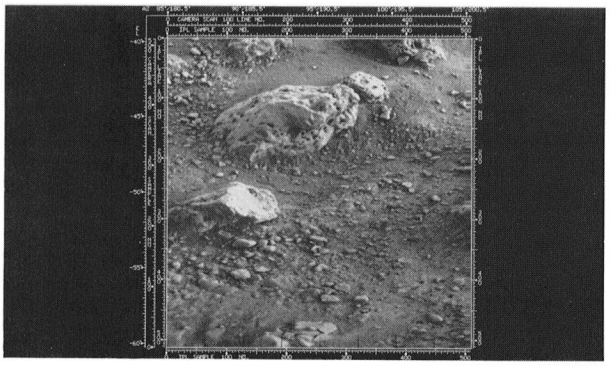


21C190/160 BB1 21C191/160 CAL 22C192/161 BB1

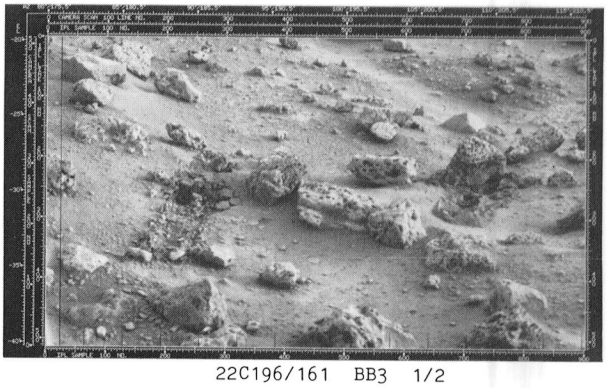


22C193/161 CAL 21C194/161 BB1

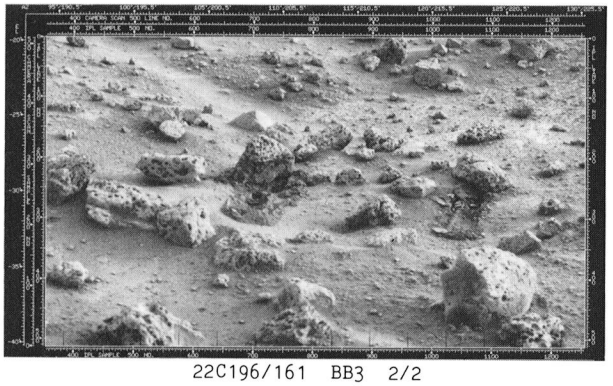
22C195/161–21C198/161



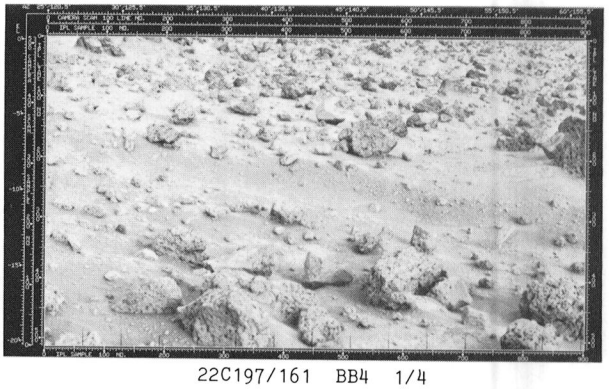
22C195/161 BB1



22C196/161 BB3 1/2



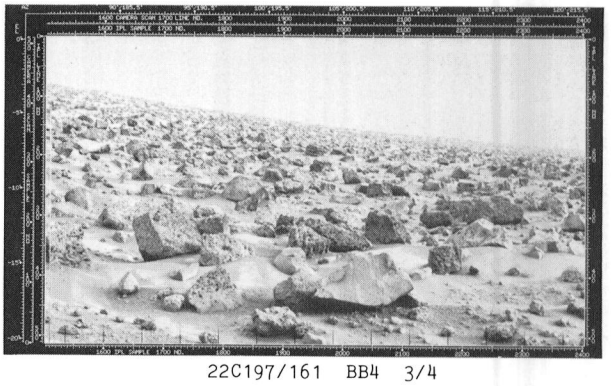
22C196/161 BB3 2/2



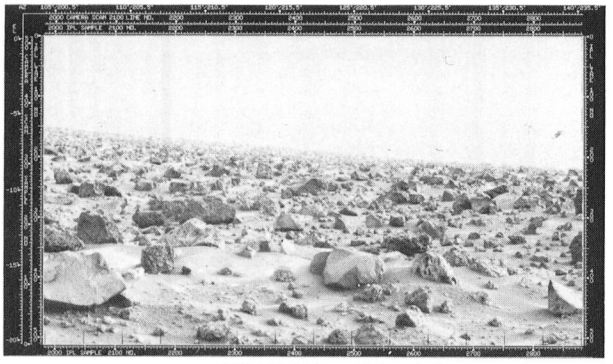
22C197/161 BB4 1/4



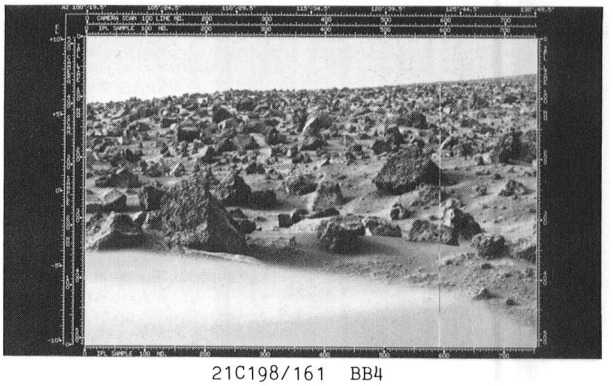
22C197/161 BB4 2/4



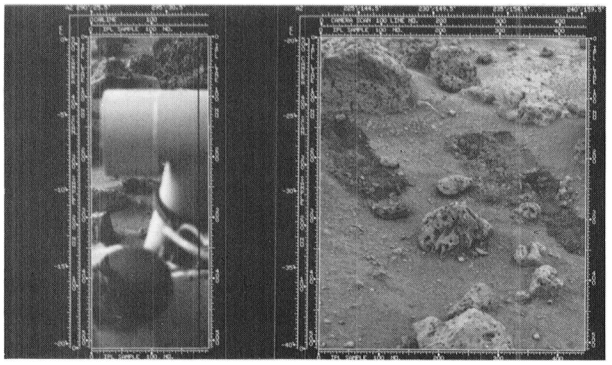
22C197/161 BB4 3/4



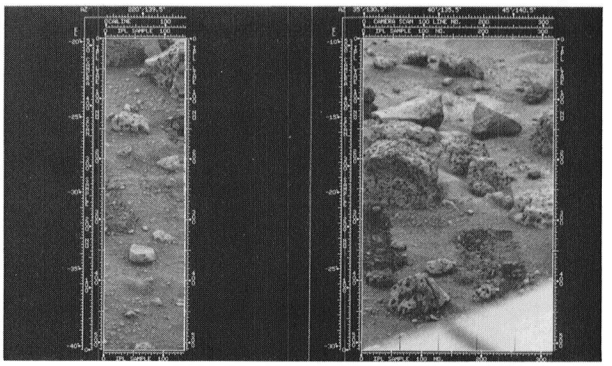
22C197/161 BB4 4/4



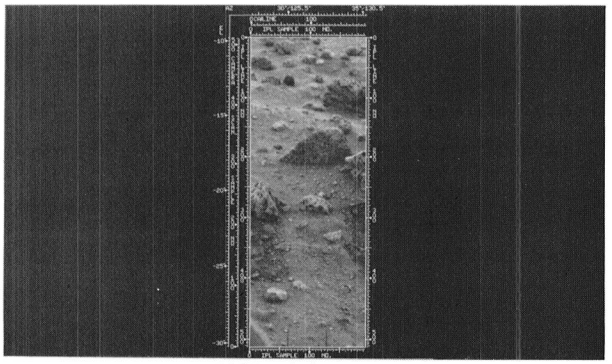
21C198/161 BB4



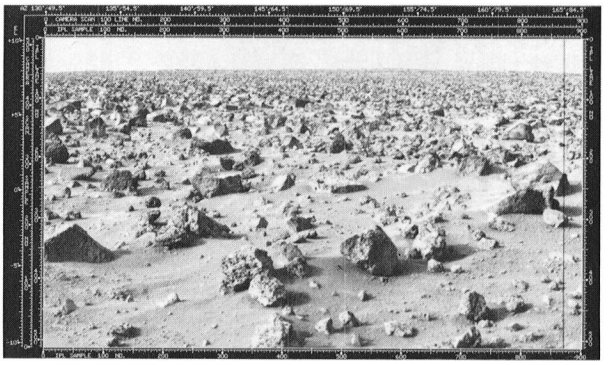
22C199/161 BB3 21C200/161 BB2



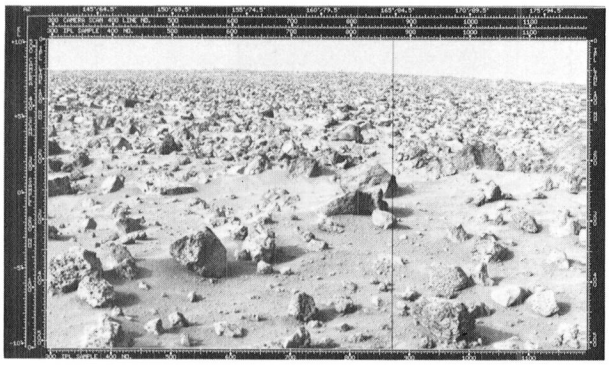
21C201/161 BB2 22C202/161 BB2



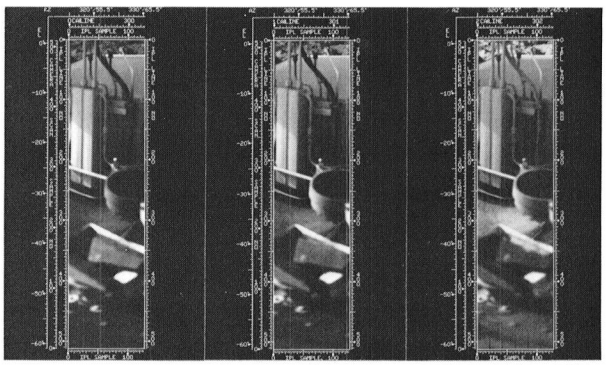
22C203/161 BB2



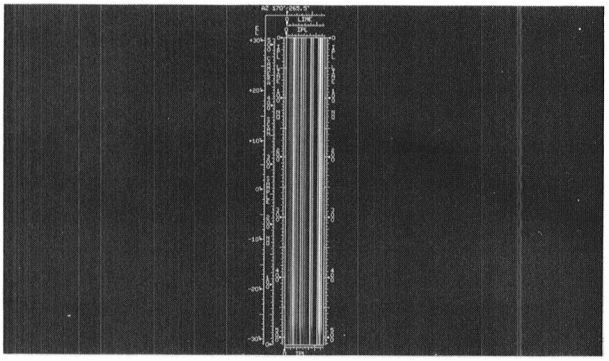
21C204/162 BB4 1/2



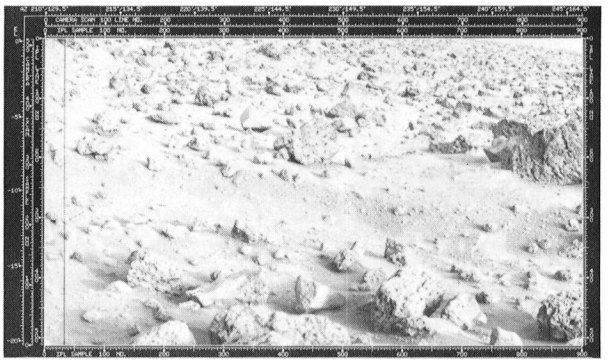
21C204/162 BB4 2/2



22C205/162 BLU 22C205/162 GRN 22C205/162 RED

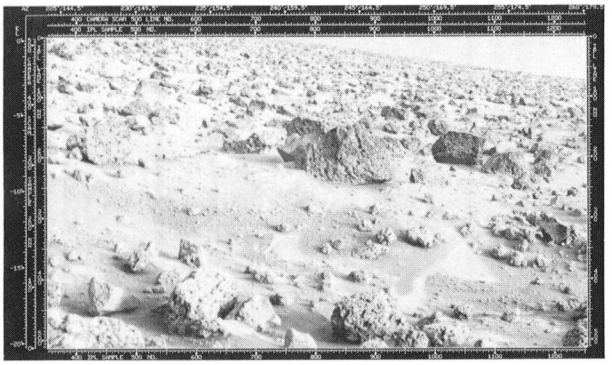


22C206/162 CAL

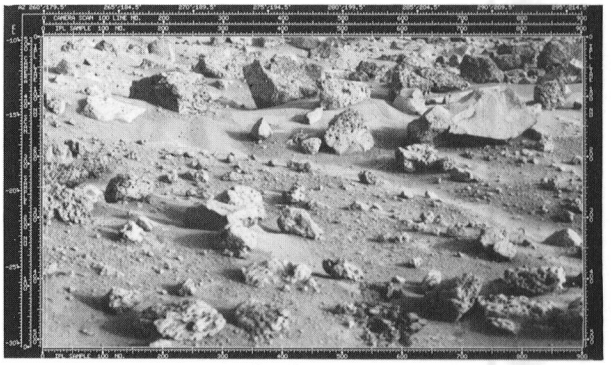


21C207/163 BB4 1/2

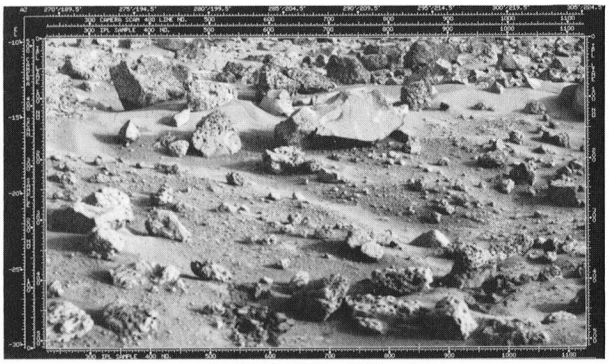
21C207/163–22C213/170



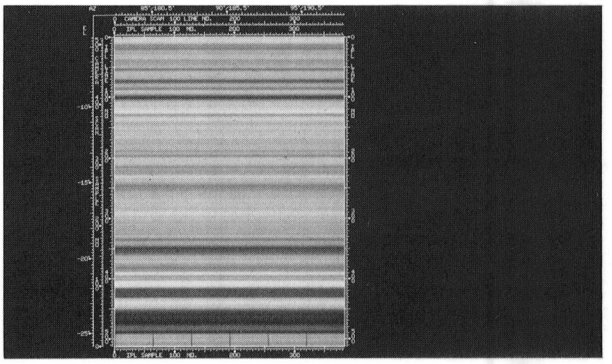
21C207/163 BB4 2/2



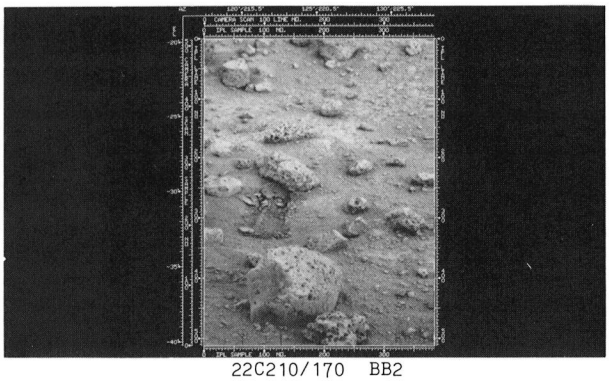
21C208/165 BB4 1/2



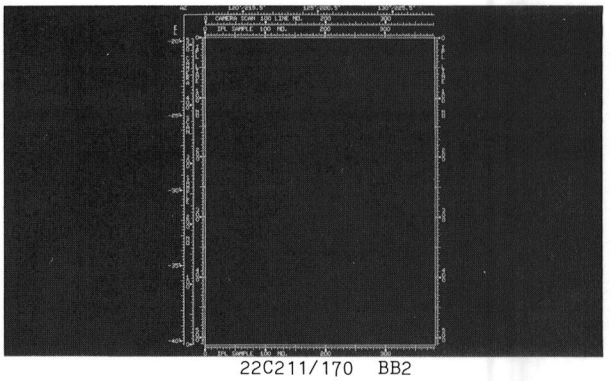
21C208/165 BB4 2/2



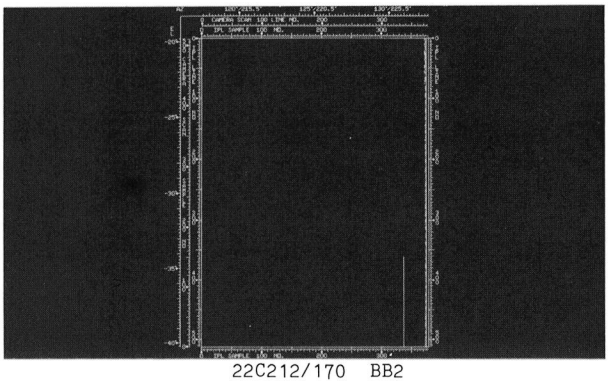
22C209/170 RED



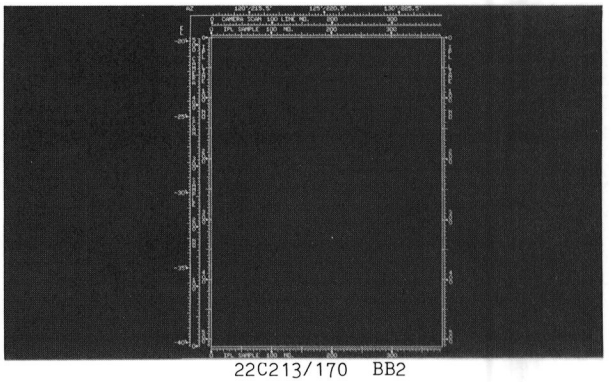
22C210/170 BB2



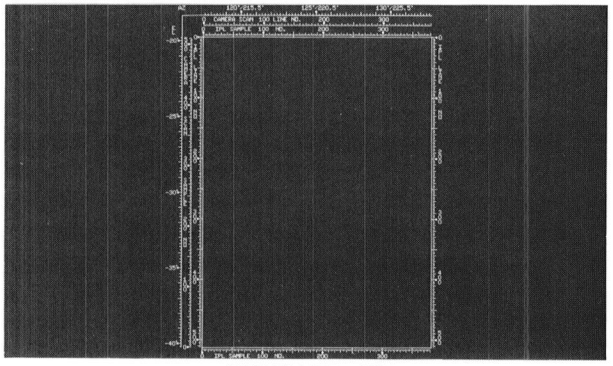
22C211/170 BB2



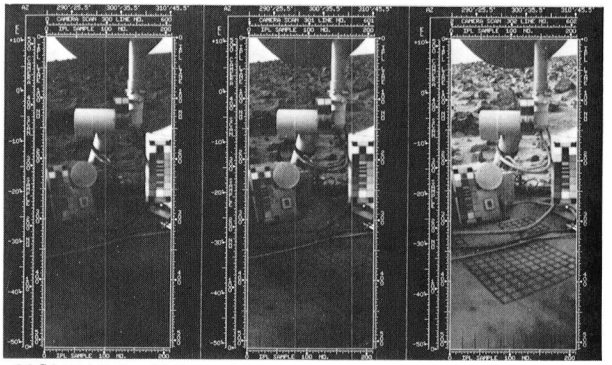
22C212/170 BB2



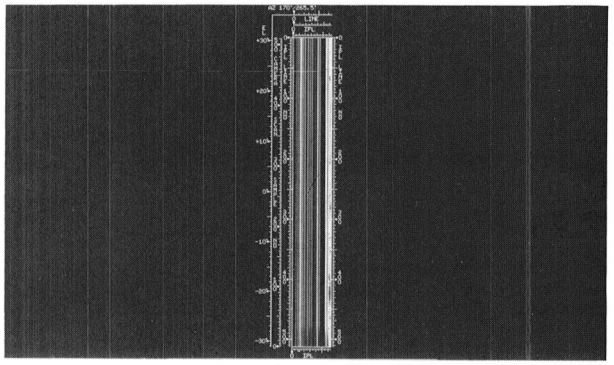
22C213/170 BB2



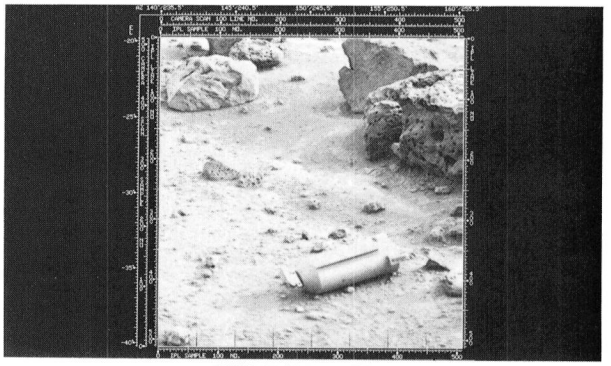
22C214/170 BB2



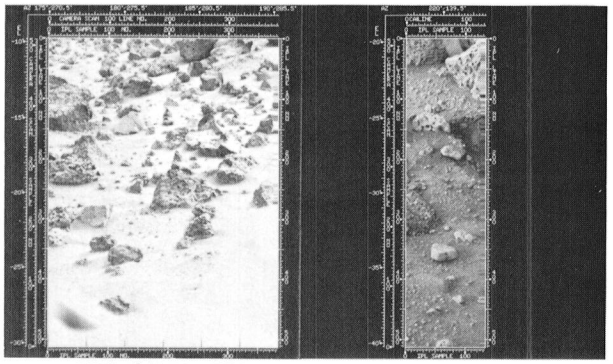
22C215/172 BLU 22C215/172 GRN 22C215/172 RED



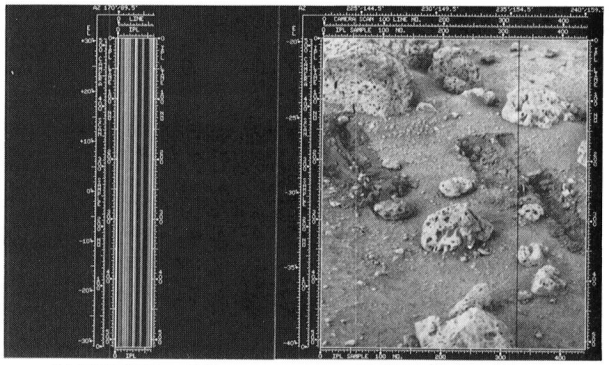
22C216/172 CAL



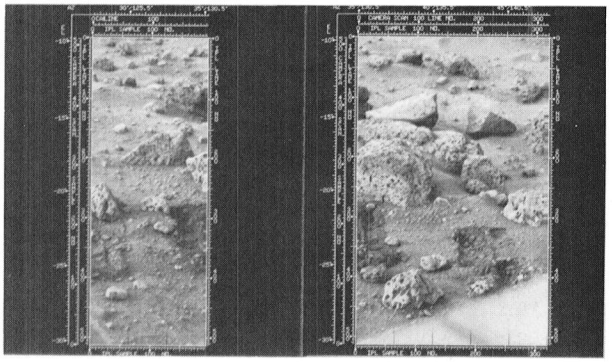
22C217/172 BB3



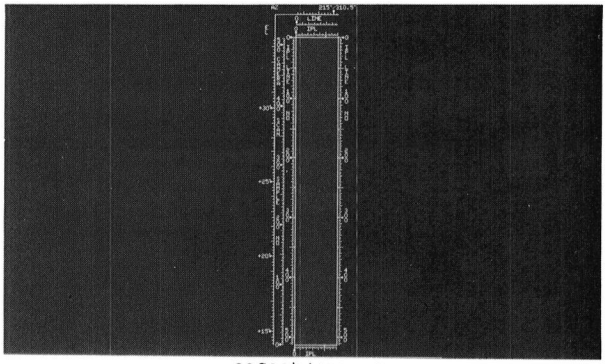
22C218/172 BB3 21C219/172 BB2



21C220/172 CAL 21C221/172 BB2

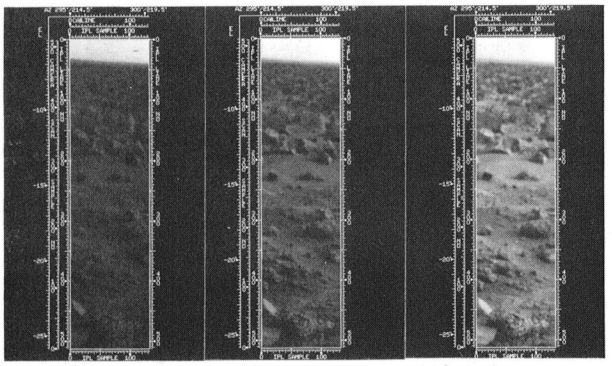


22C222/172 BB2 22C223/172 BB2

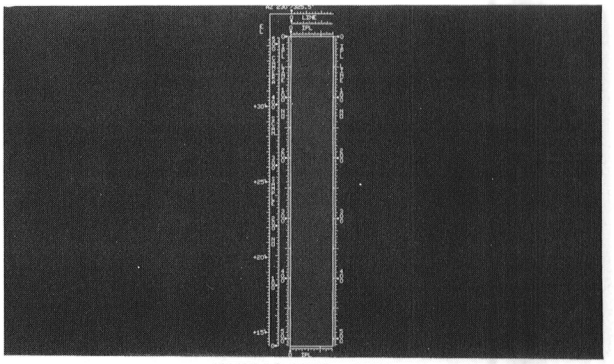


22C224/173 SUN

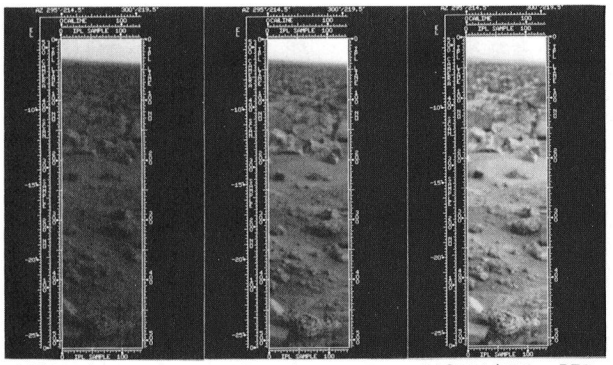
21C225/173–22C235/173



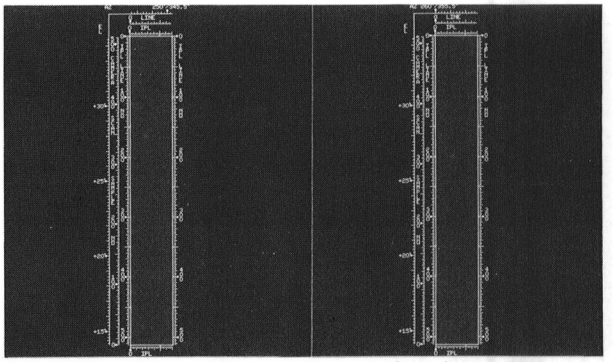
21C225/173 BLU 21C226/173 GRN 21C227/173 RED



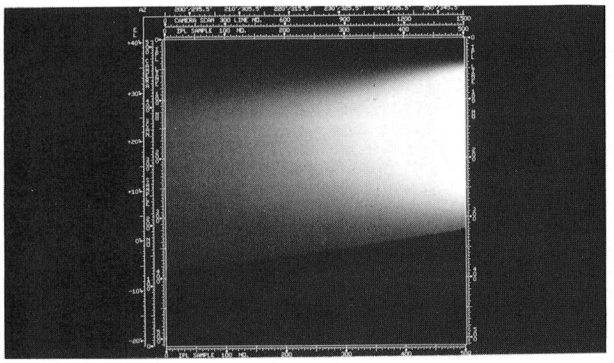
22C228/173 SUN



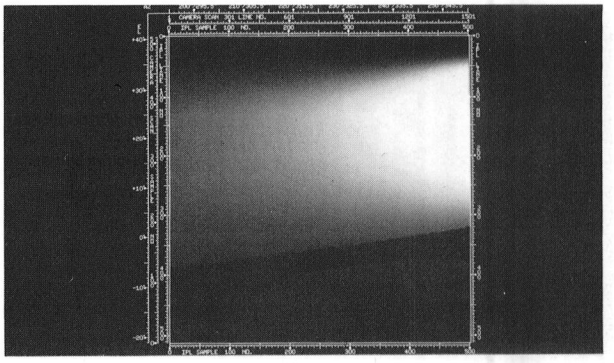
21C229/173 BLU 21C230/173 GRN 21C231/173 RED



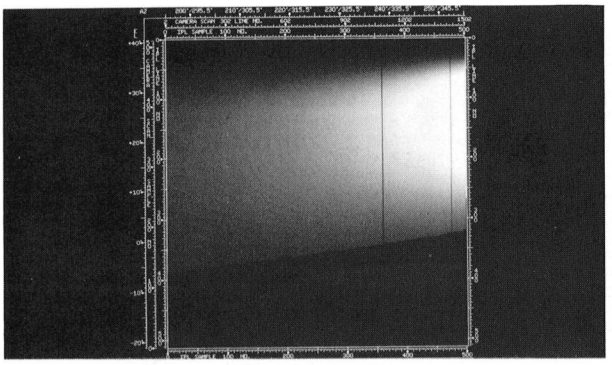
22C232/173 SUN 22C233/173 SUN



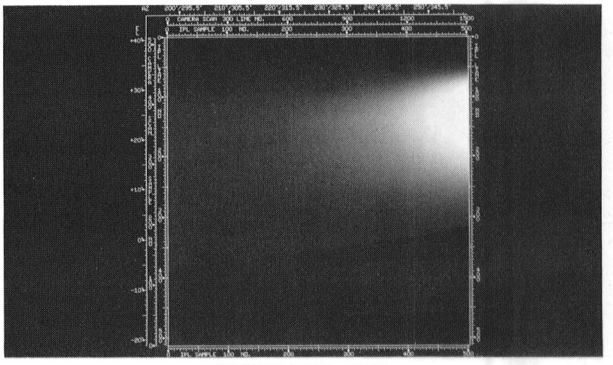
22C234/173 BLU



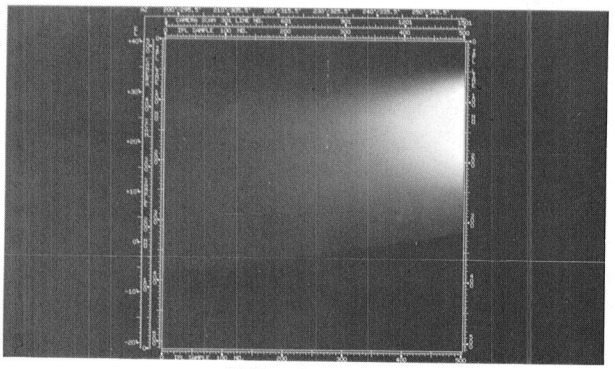
22C234/173 GRN



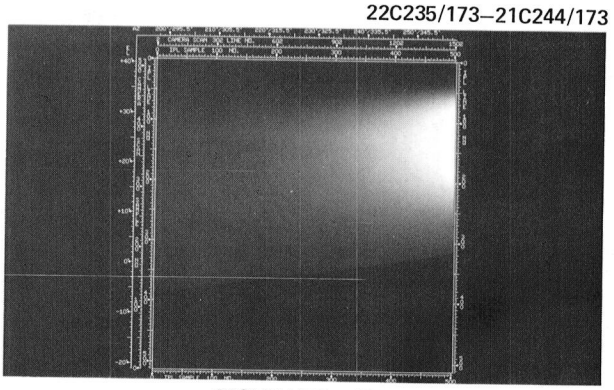
22C234/173 RED



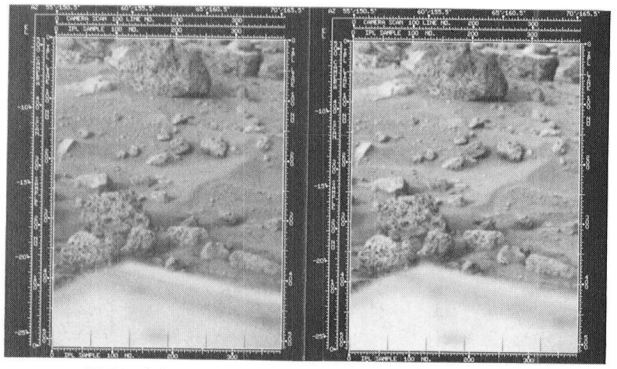
22C235/173 IR3



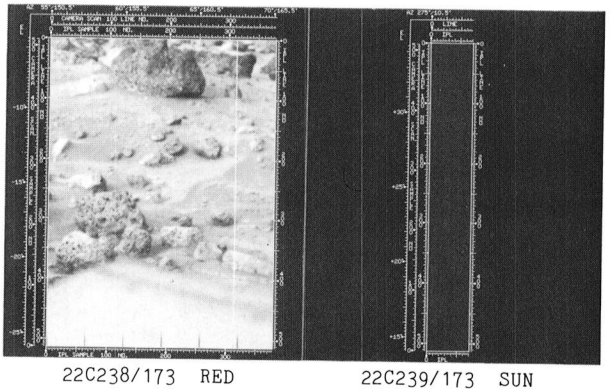
22C235/173 IR2



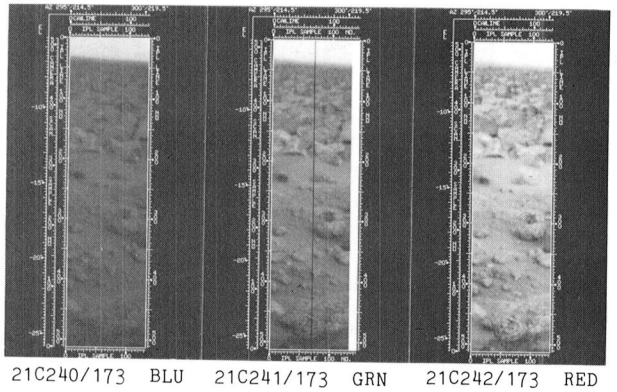
22C235/173 IR1



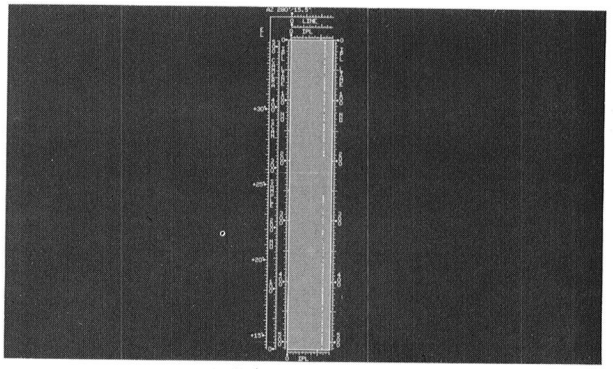
22C236/173 BLU 22C237/173 GRN



22C238/173 RED 22C239/173 SUN



21C240/173 BLU 21C241/173 GRN 21C242/173 RED



22C243/173 SUN



21C244/173 BLU

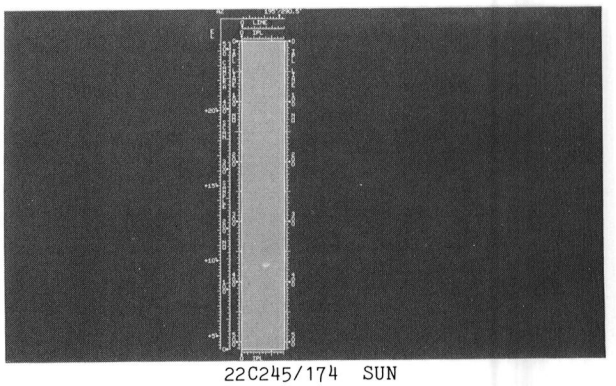


21C244/173 GRN

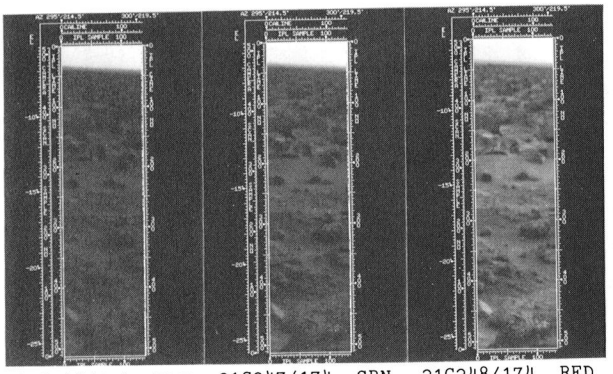
21C244/173–22C254/177



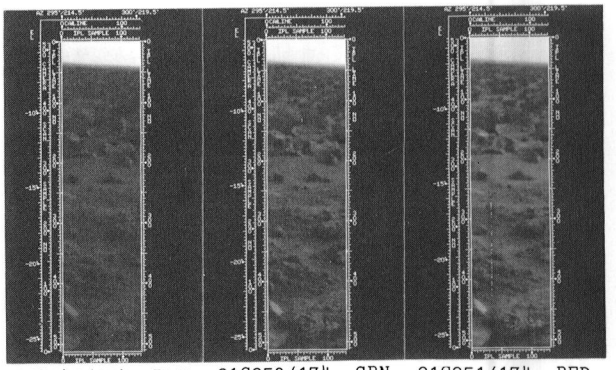
21C244/173 RED



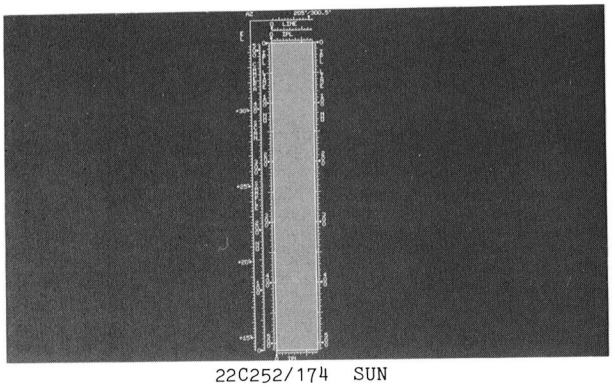
22C245/174 SUN



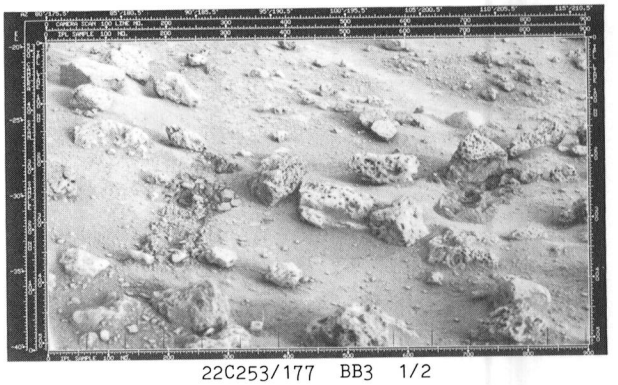
21C246/174 BLU 21C247/174 GRN 21C248/174 RED



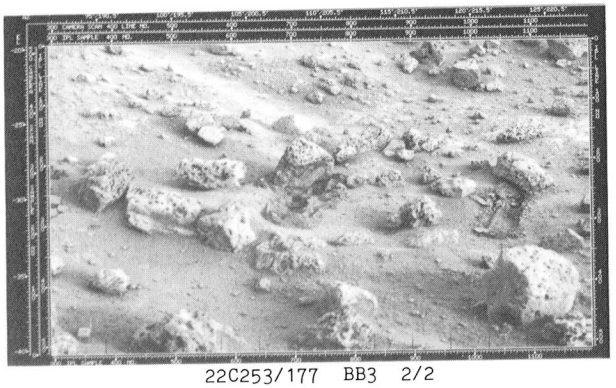
21C249/174 BLU 21C250/174 GRN 21C251/174 RED



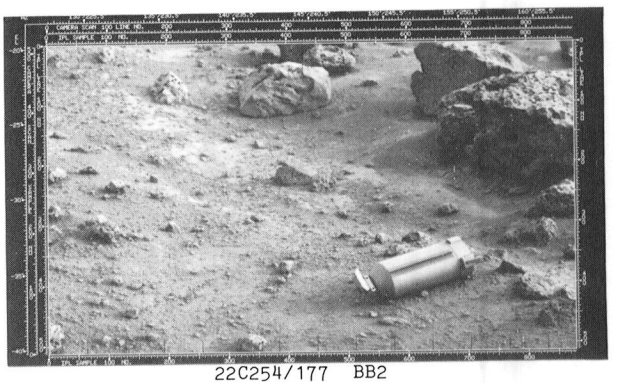
22C252/174 SUN



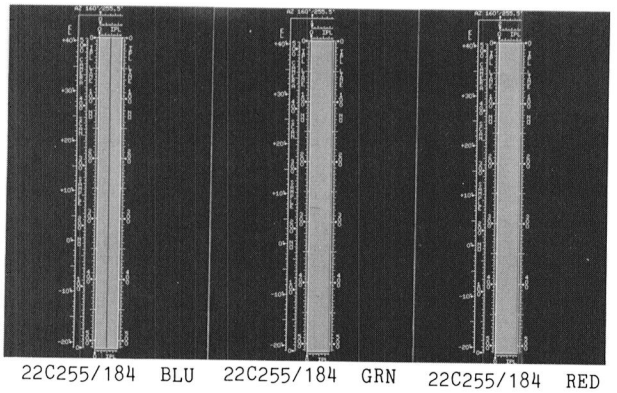
22C253/177 BB3 1/2



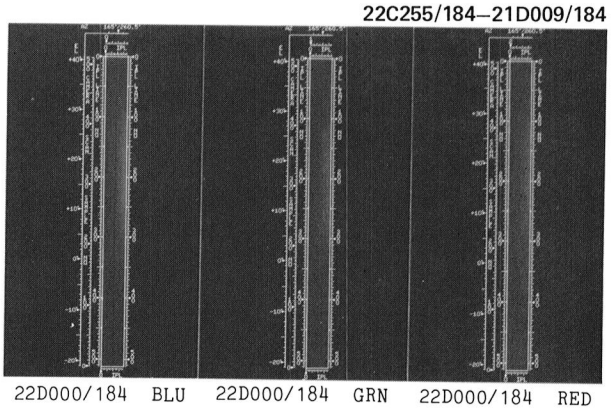
22C253/177 BB3 2/2



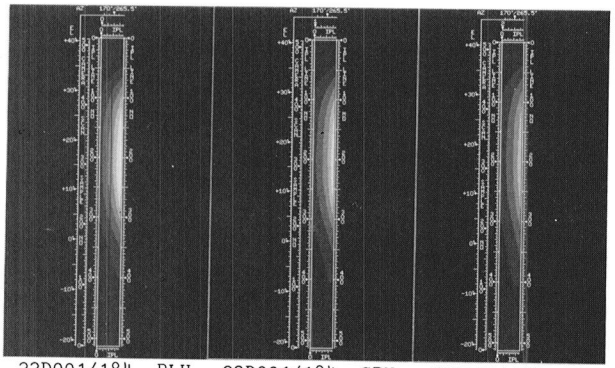
22C254/177 BB2



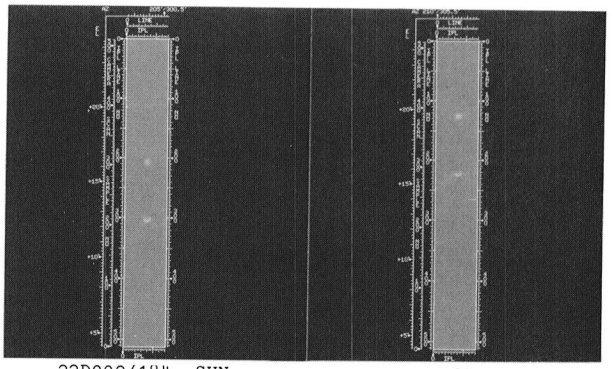
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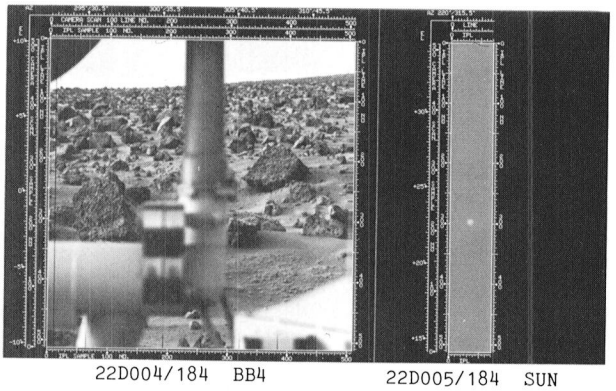
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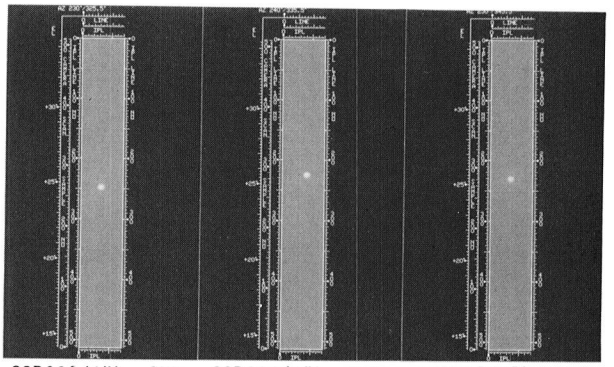
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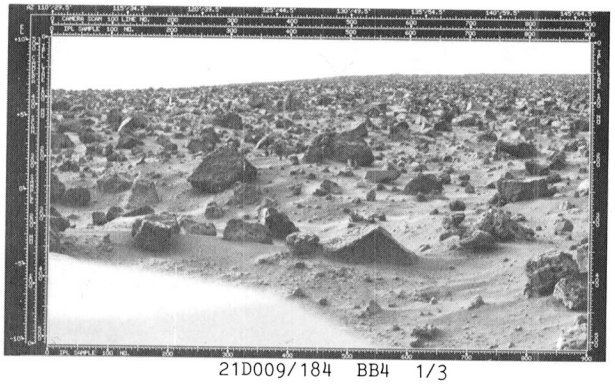
22D002/184 SUN 22D003/184 SUN



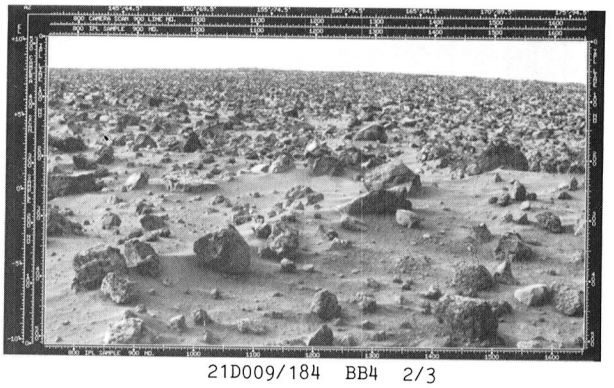
22D004/184 BB4 22D005/184 SUN



22D006/184 SUN 22D007/184 SUN 22D008/184 SUN

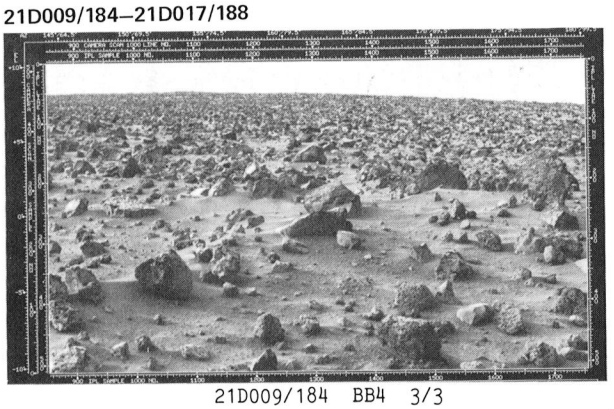


21D009/184 BB4 1/3

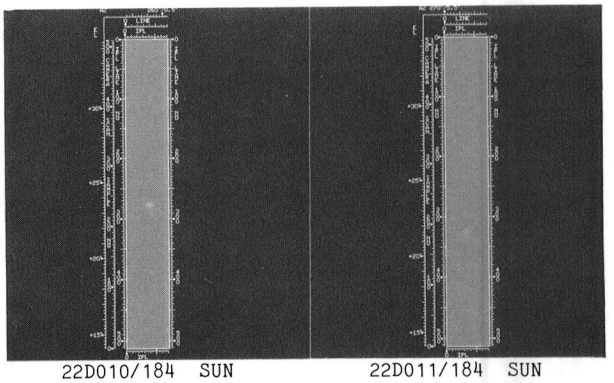


21D009/184 BB4 2/3

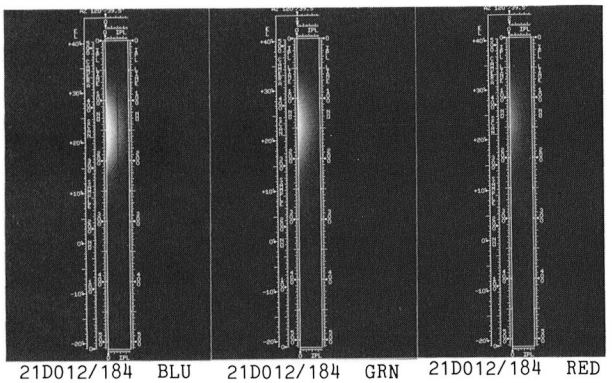
21D009/184–21D017/188



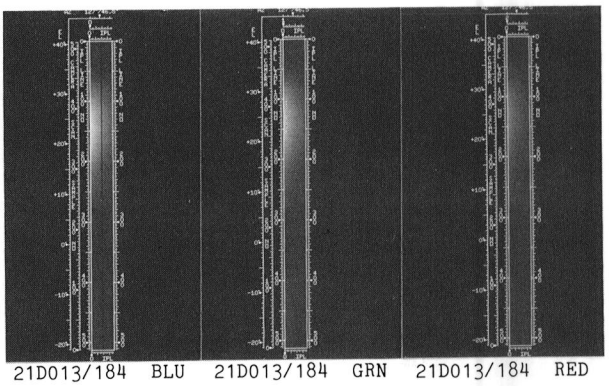
21D009/184 BB4 3/3



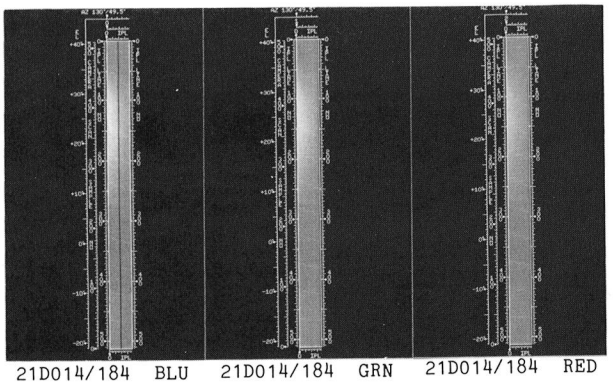
22D010/184 SUN 22D011/184 SUN



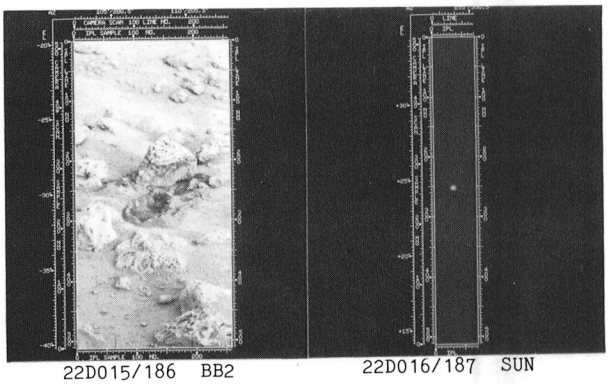
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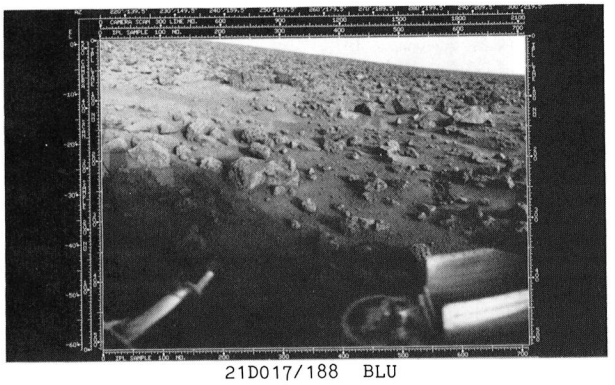
21D013/184 BLU 21D013/184 GRN 21D013/184 RED



21D014/184 BLU 21D014/184 GRN 21D014/184 RED



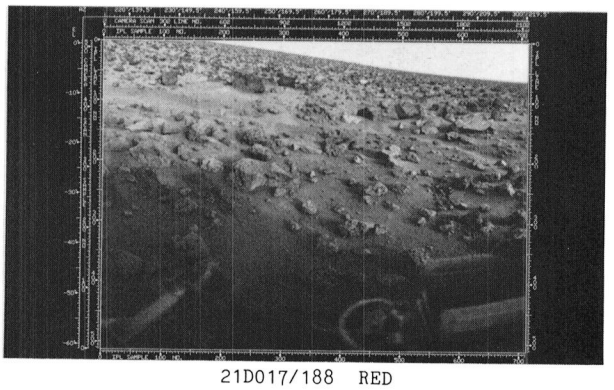
22D015/186 BB2 22D016/187 SUN



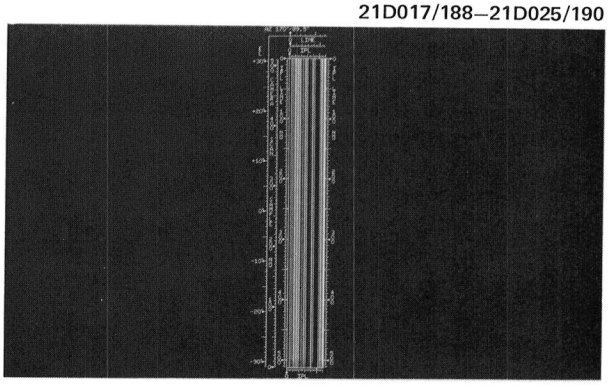
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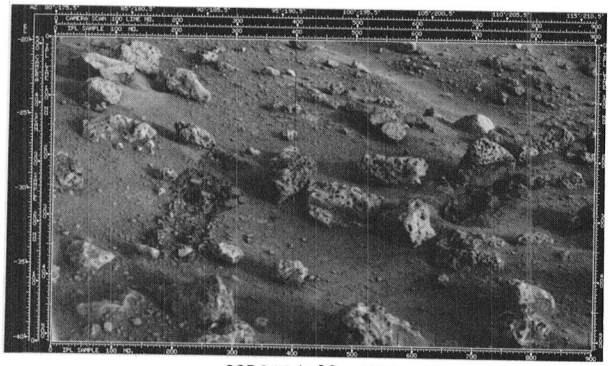
21D017/188 GRN



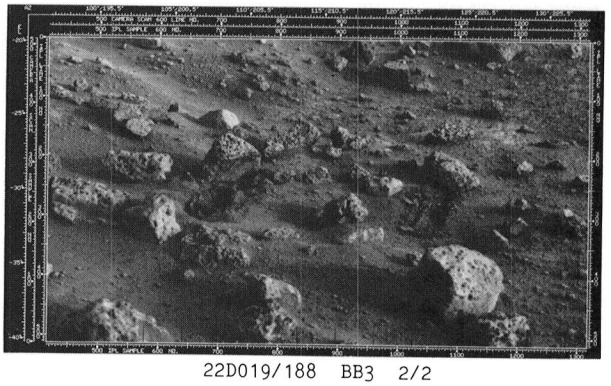
21D017/188 RED



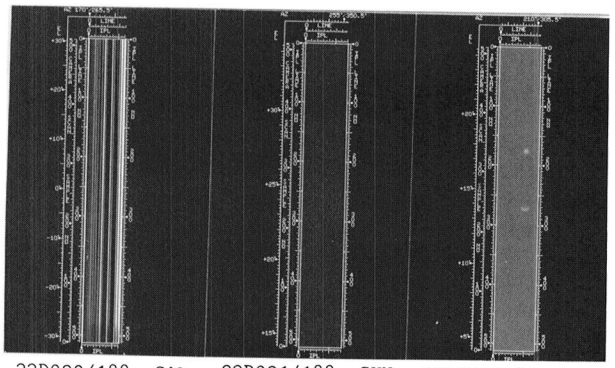
21D018/188 CAL



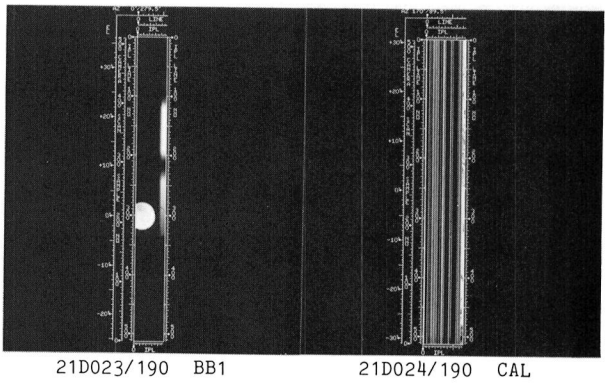
22D019/188 BB3 1/2



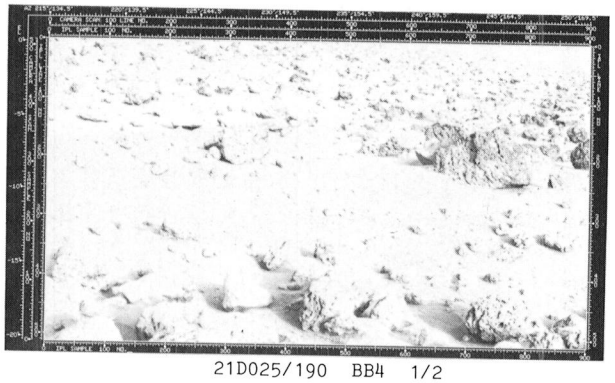
22D019/188 BB3 2/2



22D020/188 CAL 22D021/188 SUN 22D022/189 SUN



21D023/190 BB1 21D024/190 CAL

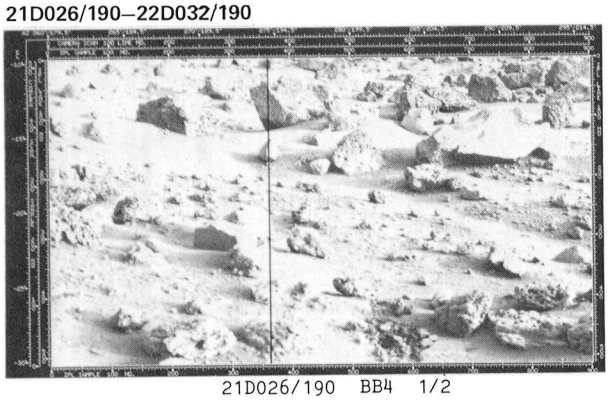


21D025/190 BB4 1/2

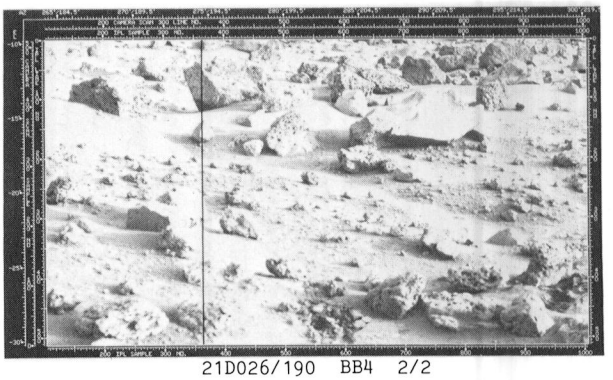


21D025/190 BB4 2/2

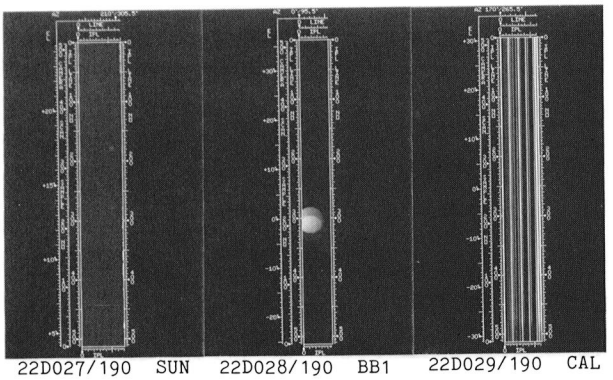
21D026/190–22D032/190



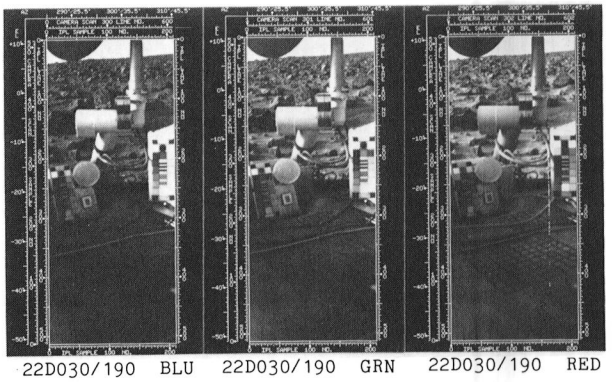
21D026/190 BB4 1/2



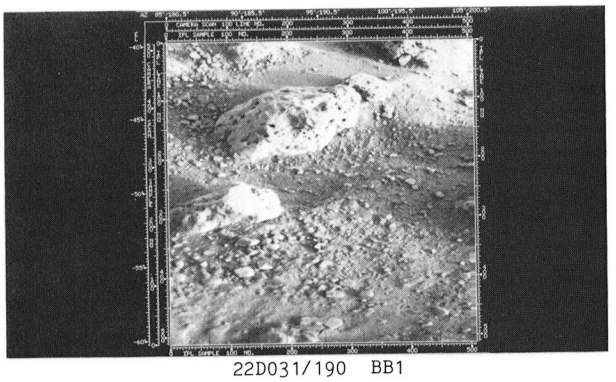
21D026/190 BB4 2/2



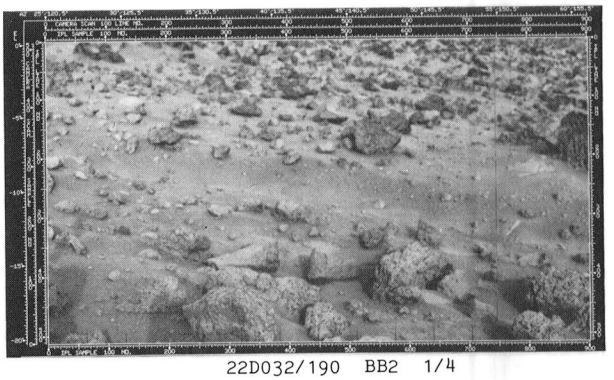
22D027/190 SUN 22D028/190 BB1 22D029/190 CAL



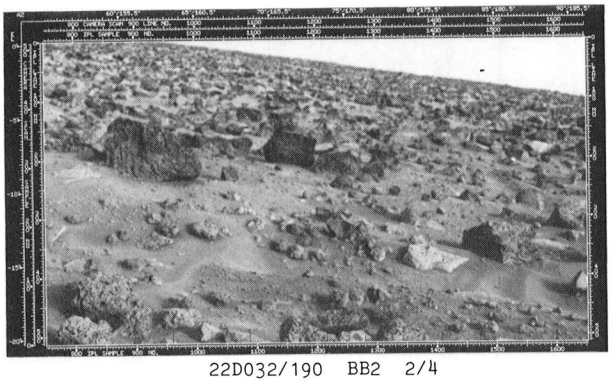
22D030/190 BLU 22D030/190 GRN 22D030/190 RED



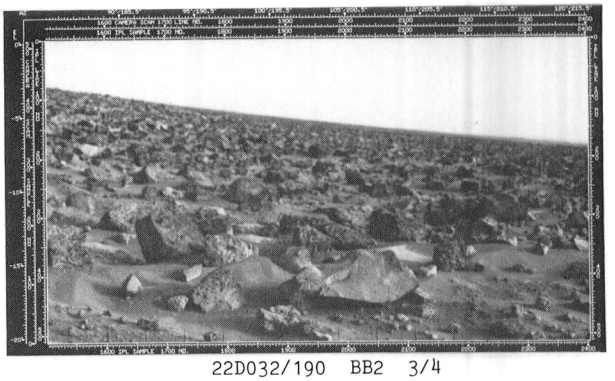
22D031/190 BB1



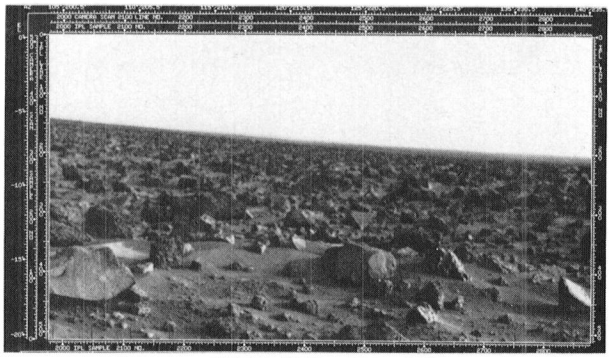
22D032/190 BB2 1/4



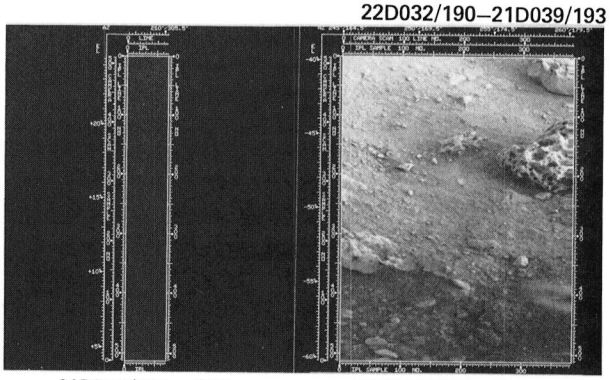
22D032/190 BB2 2/4



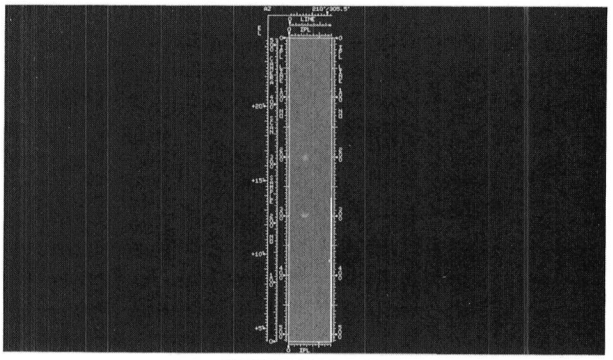
22D032/190 BB2 3/4



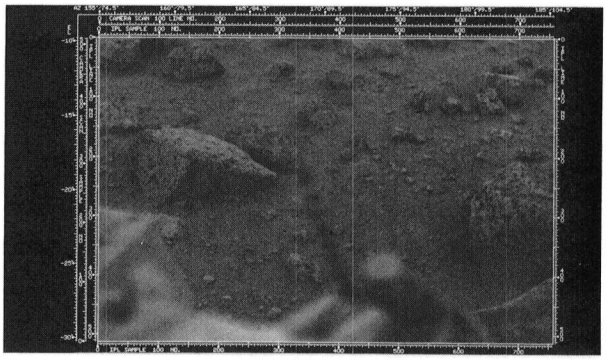
22D032/190 BB2 4/4



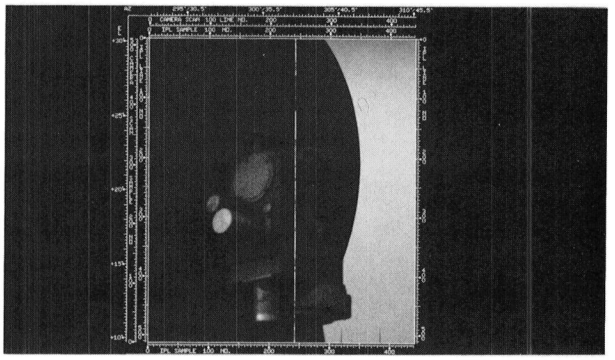
22D033/191 SUN 21D034/192 BB1



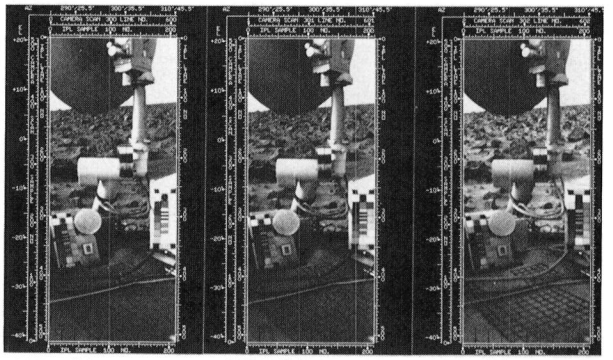
22D035/192 SUN



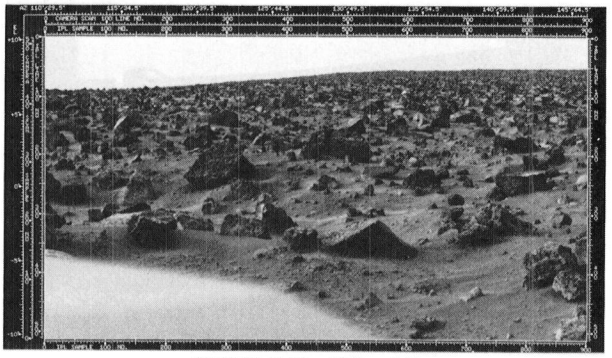
21D036/193 BB2



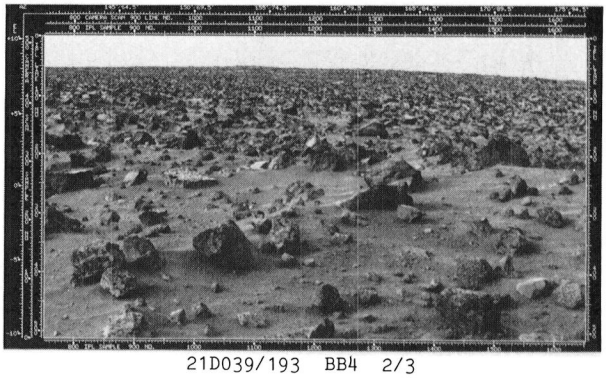
22D037/193 BB1



22D038/193 BLU 22D038/193 GRN 22D038/193 RED

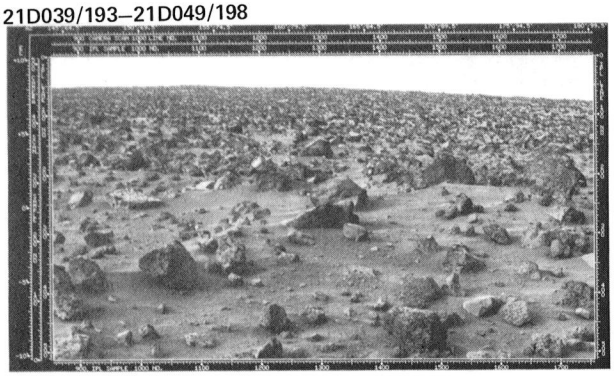


21D039/193 BB4 1/3

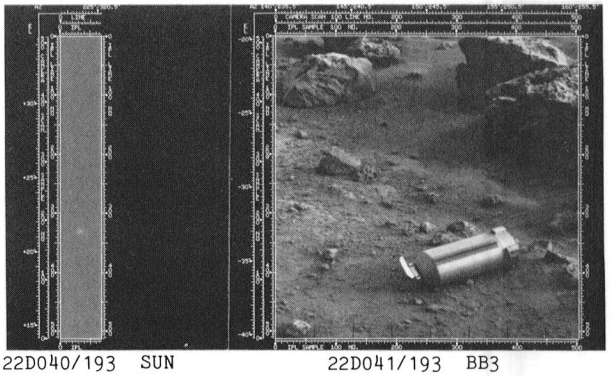


21D039/193 BB4 2/3

21D039/193–21D049/198

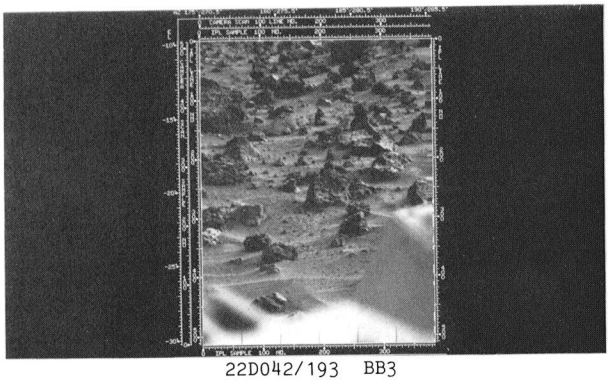


21D039/193 BB4 3/3

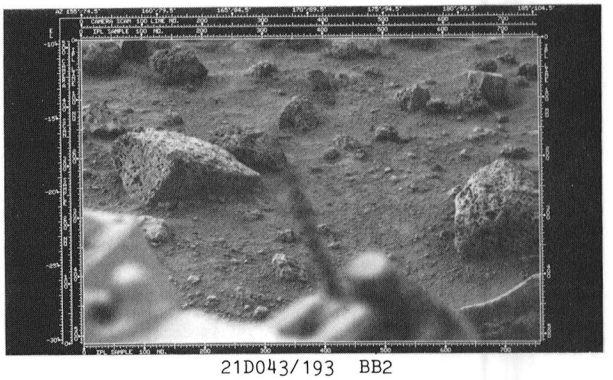


22D040/193 SUN

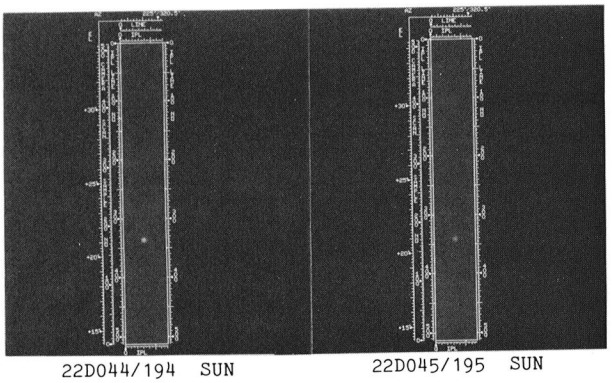
22D041/193 BB3



22D042/193 BB3

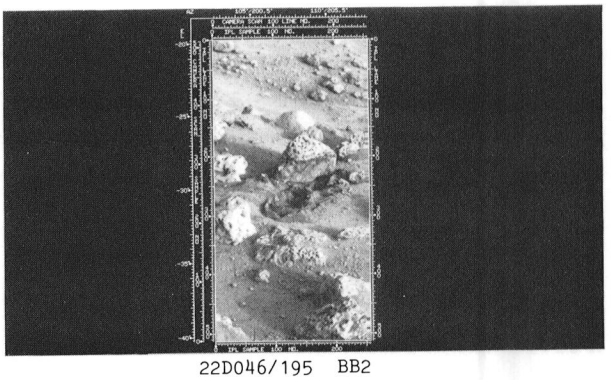


21D043/193 BB2

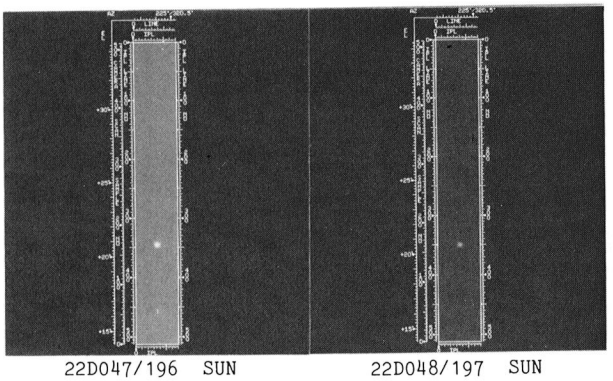


22D044/194 SUN

22D045/195 SUN

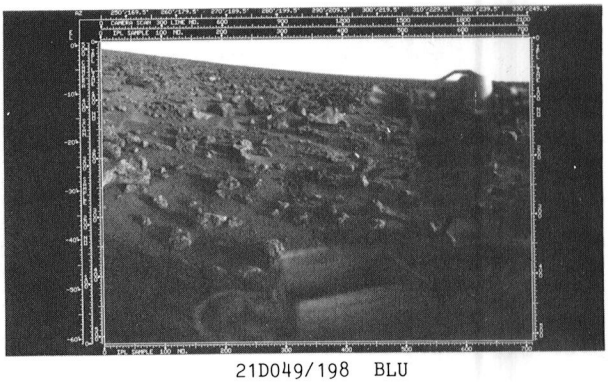


22D046/195 BB2

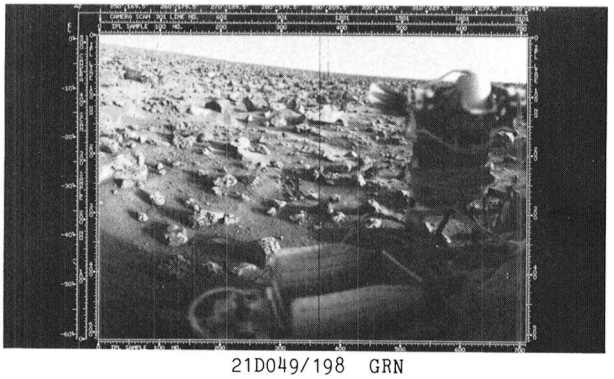


22D047/196 SUN

22D048/197 SUN



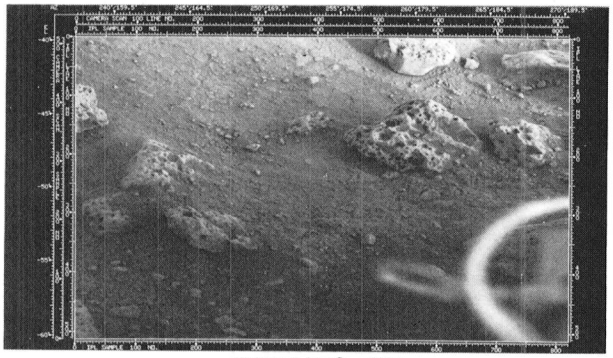
21D049/198 BLU



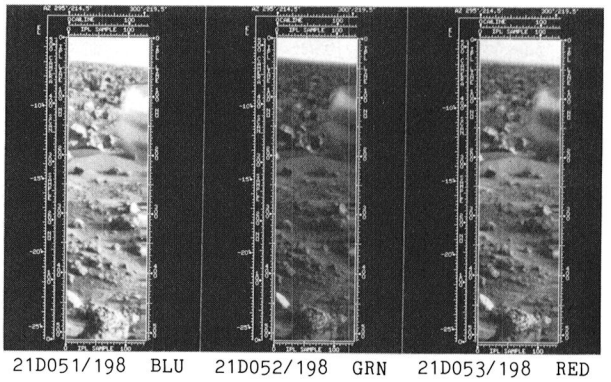
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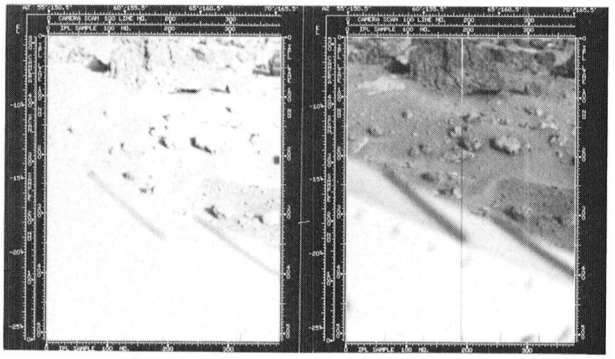
21D049/198 RED



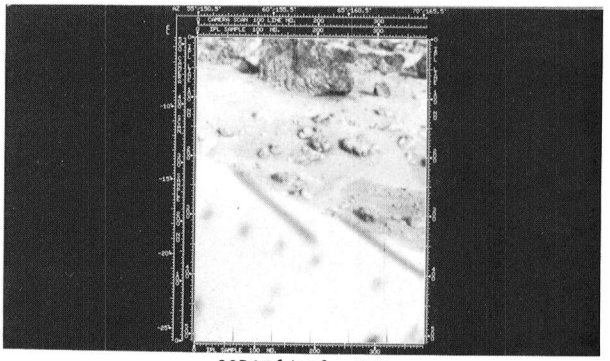
21D050/198 BB1



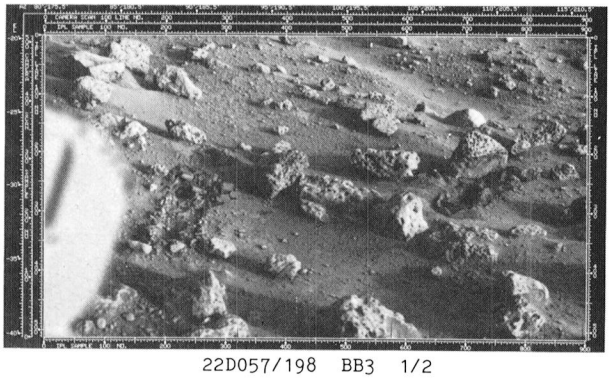
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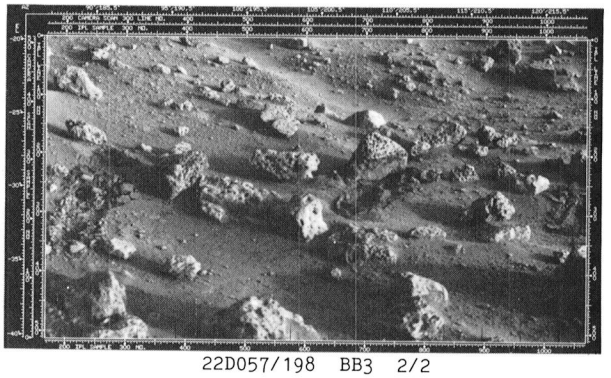
22D054/198 BLU 22D055/198 GRN



22D056/198 RED

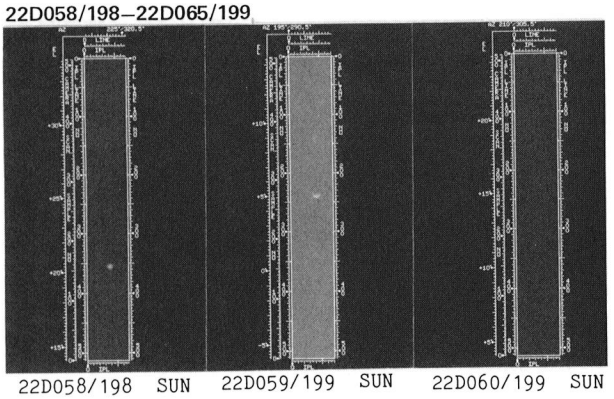


22D057/198 BB3 1/2

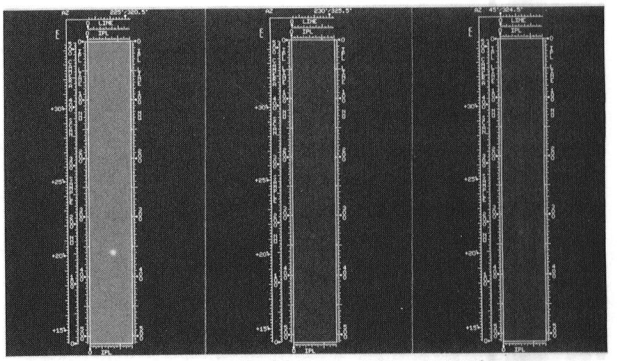


22D057/198 BB3 2/2

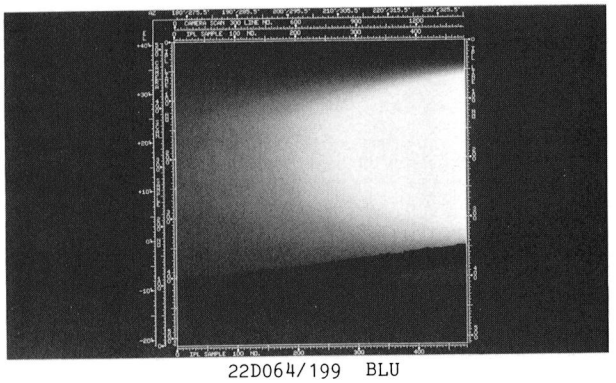
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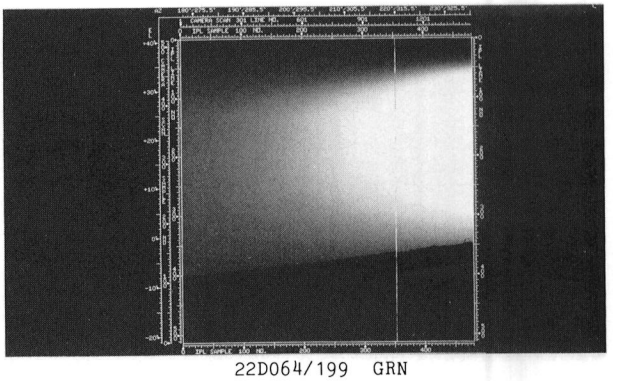
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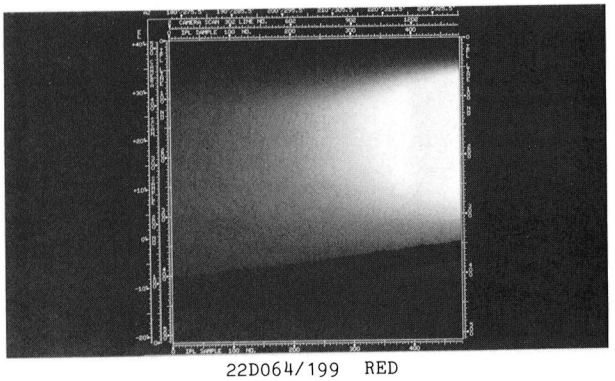
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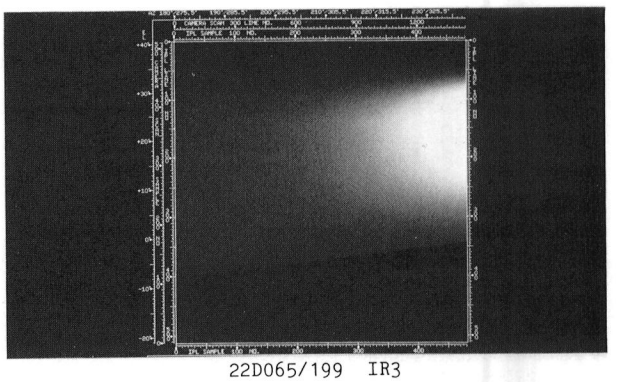
22D064/199 BLU



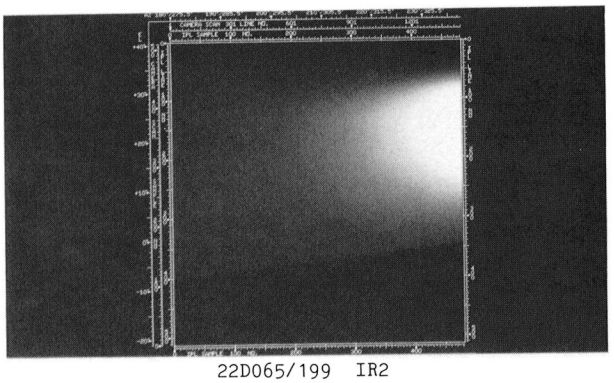
22D064/199 GRN



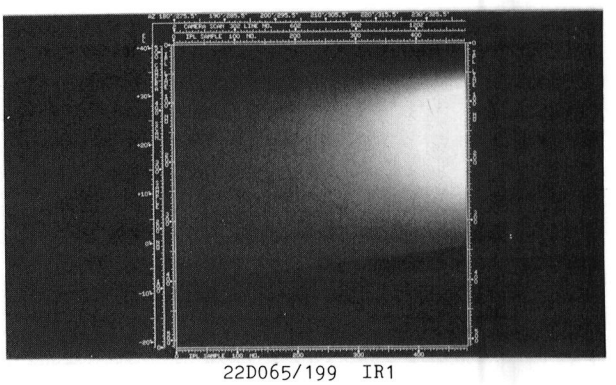
22D064/199 RED



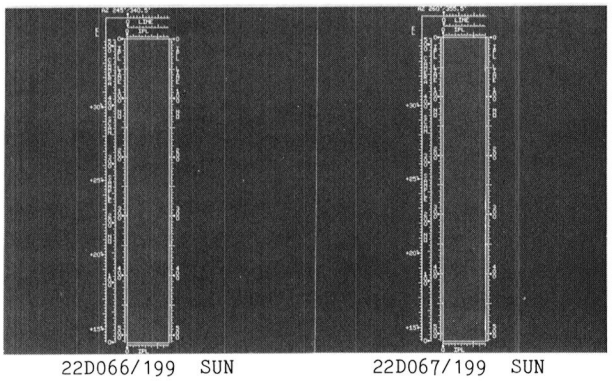
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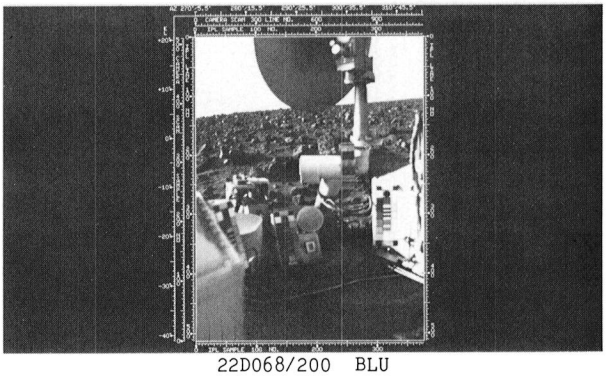
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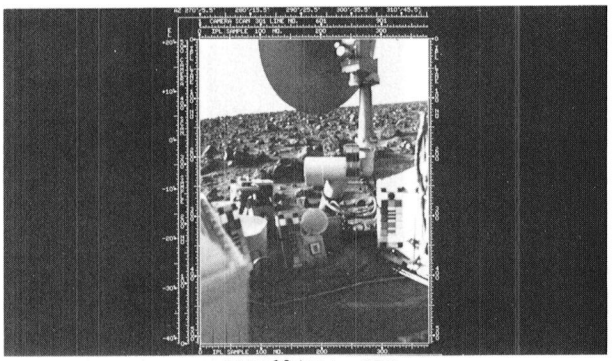
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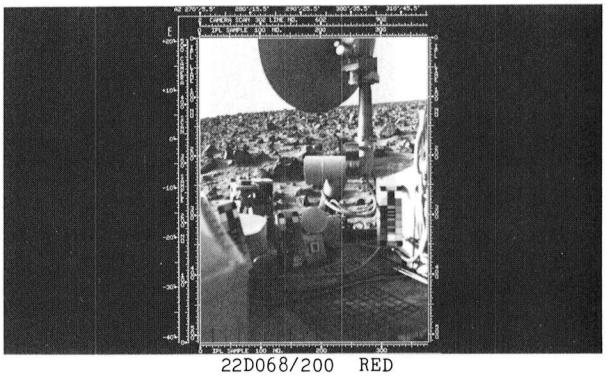
22D066/199 SUN 22D067/199 SUN



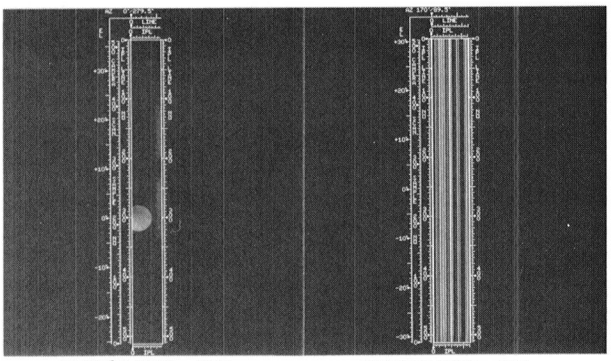
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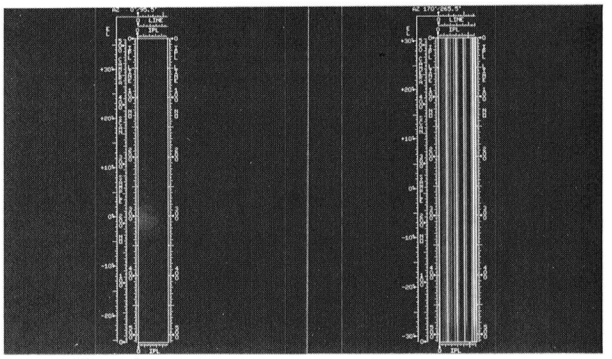
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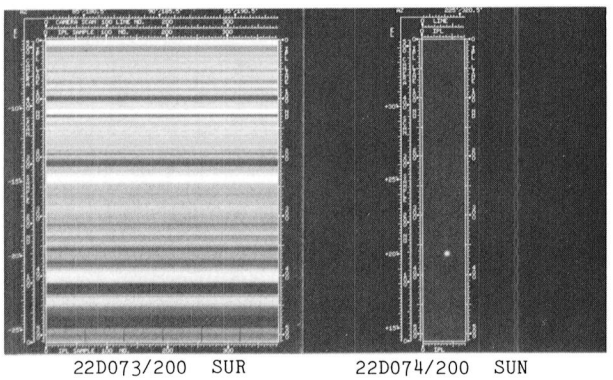
22D068/200 RED



21D069/200 BB1 21D070/200 CAL



22D071/200 BB1 22D072/200 CAL

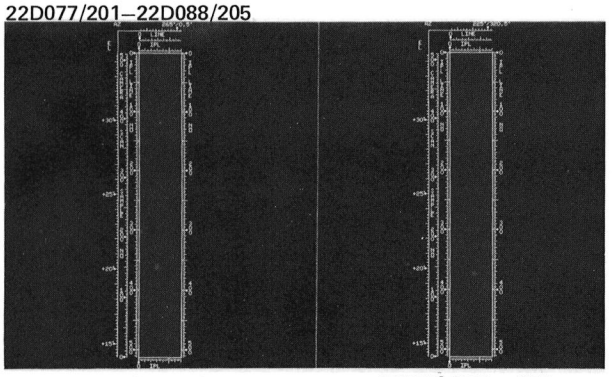


22D073/200 SUR 22D074/200 SUN



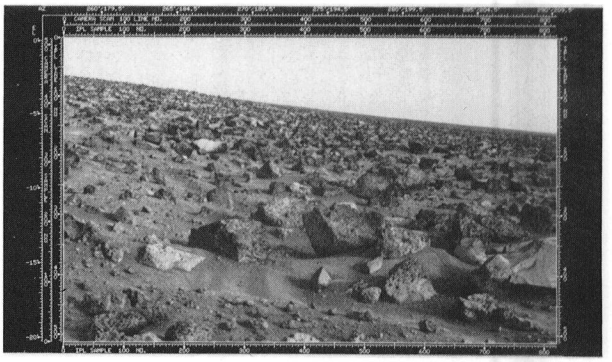
22D075/201 SUN 22D076/201 BB1

22D077/201–22D088/205

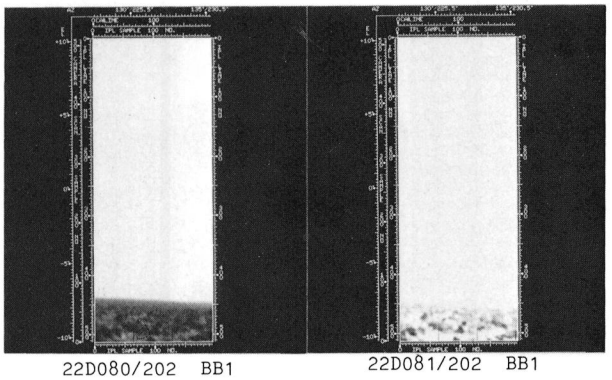


22D077/201 SUN

22D078/202 SUN

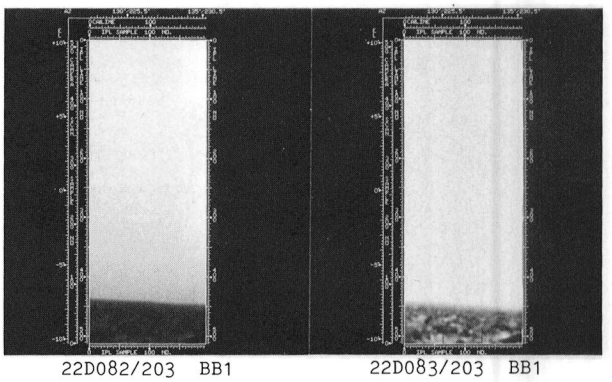


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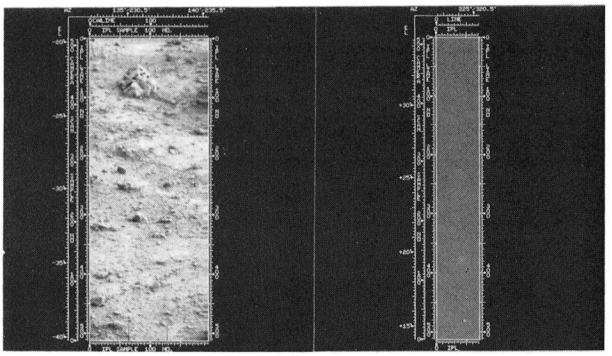
22D080/202 BB1

22D081/202 BB1



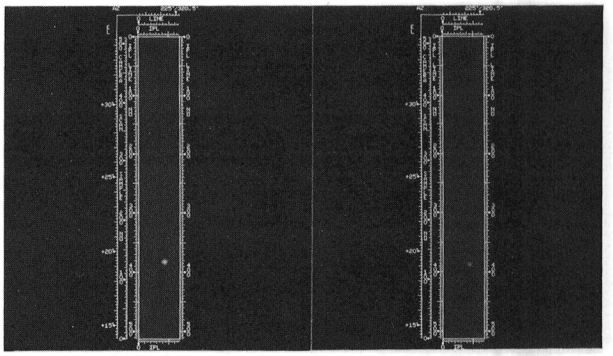
22D082/203 BB1

22D083/203 BB1



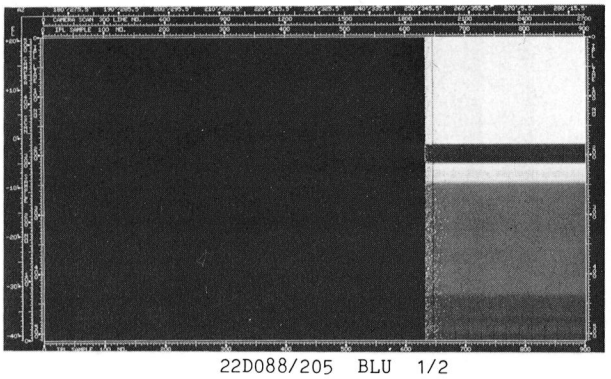
22D084/203 BB2

22D085/203 SUN

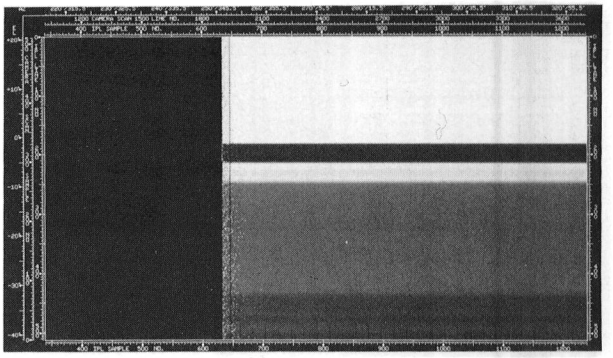


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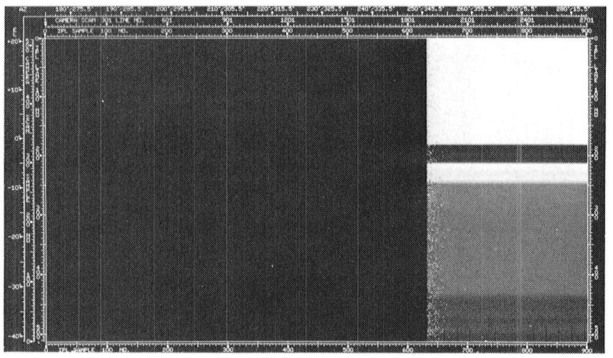
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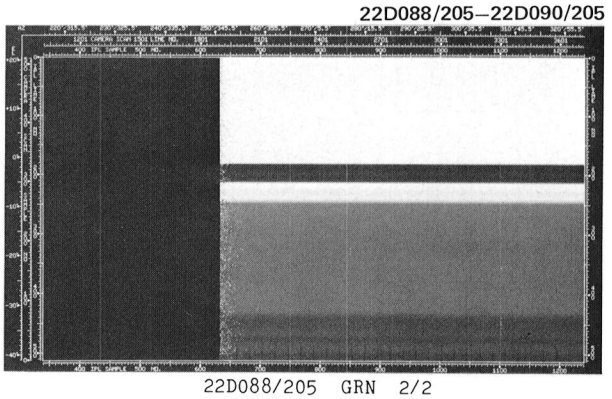
22D088/205 BLU 1/2



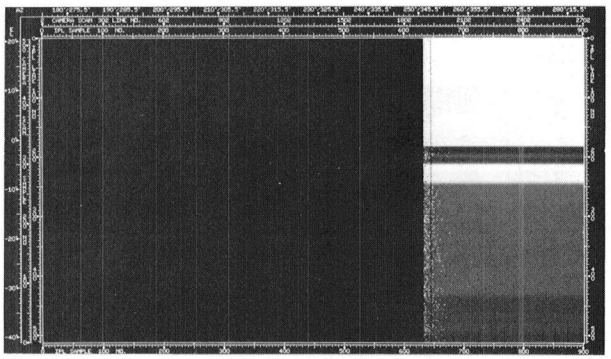
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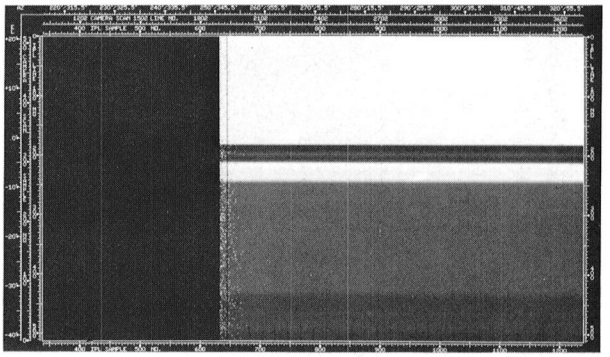
22D088/205 GRN 1/2



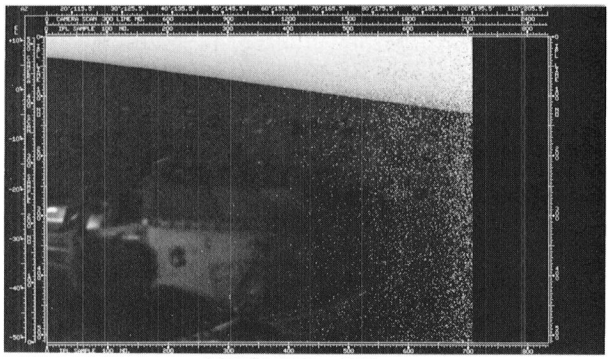
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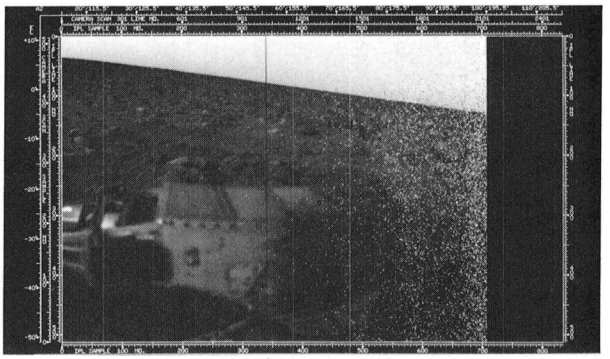
22D088/205 RED 1/2



22D088/205 RED 2/2



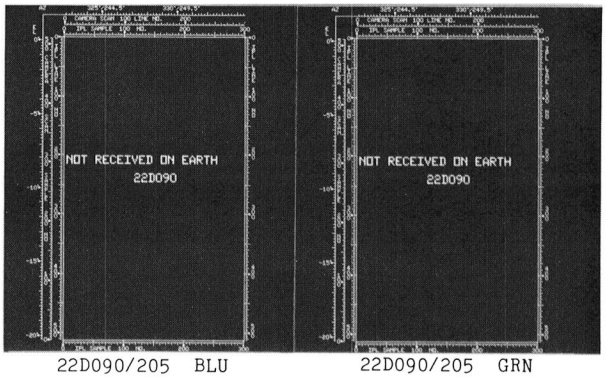
22D089/205 BLU



22D089/205 GRN

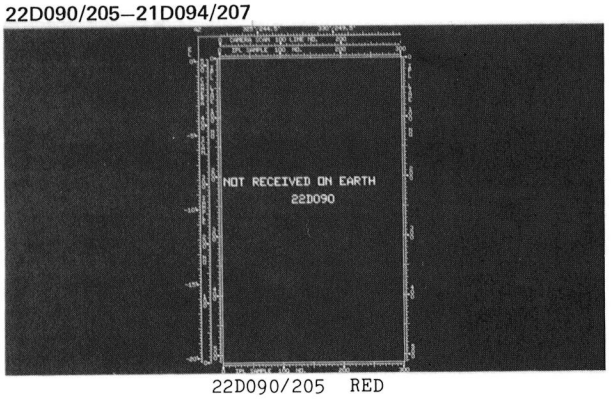


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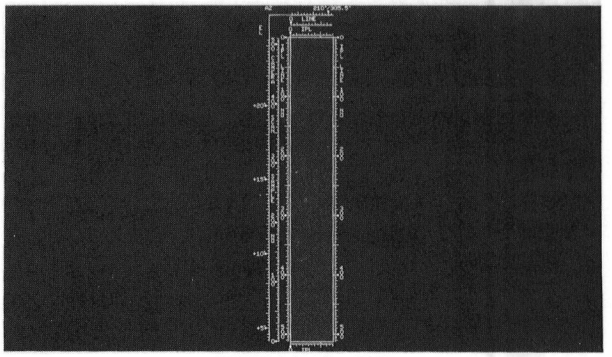


22D090/205 BLU 22D090/205 GRN

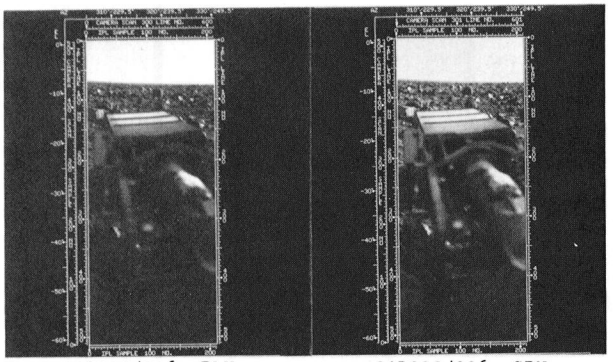
22D090/205–21D094/207



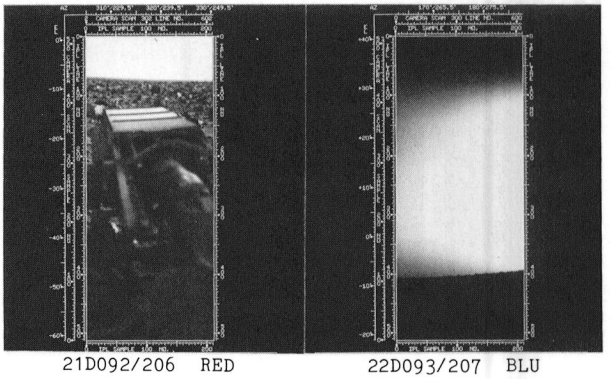
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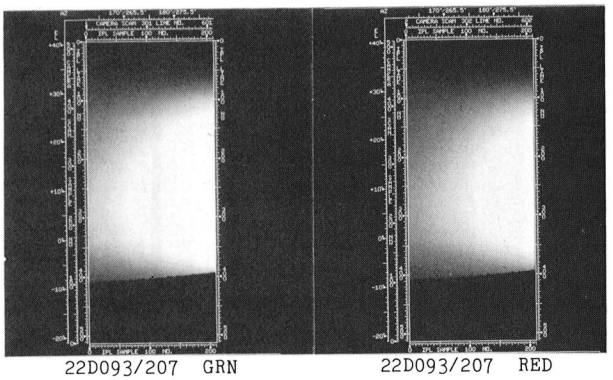
22D091/206 SUN



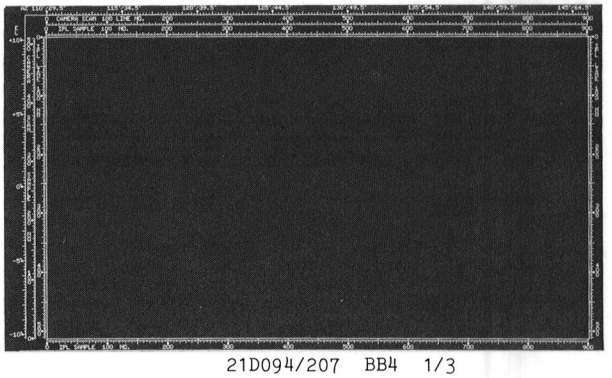
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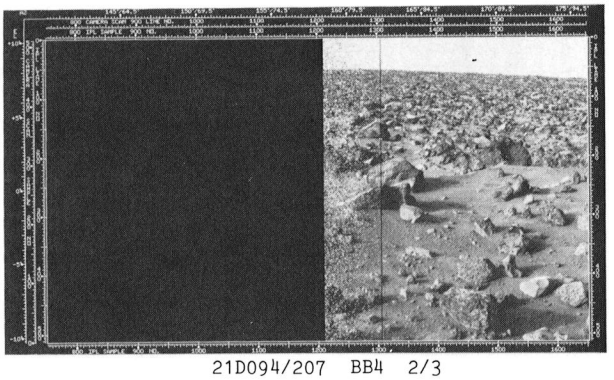
21D092/206 RED 22D093/207 BLU



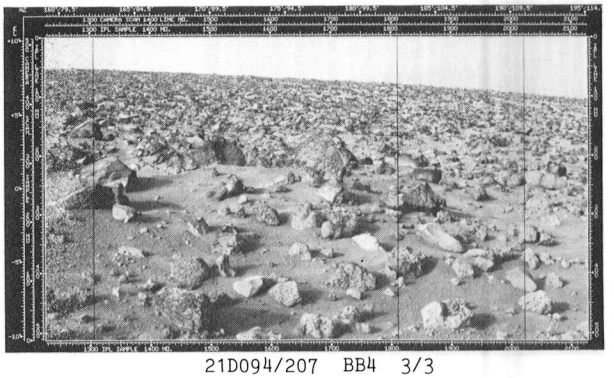
22D093/207 GRN 22D093/207 RED



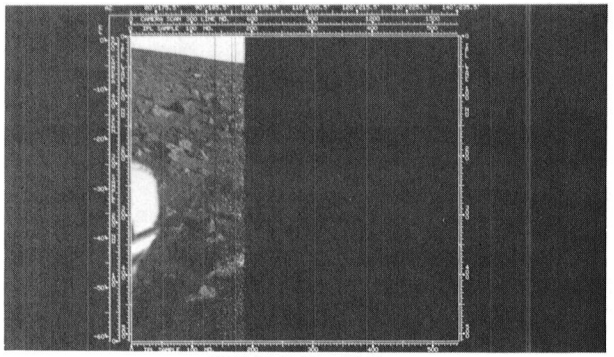
21D094/207 BB4 1/3



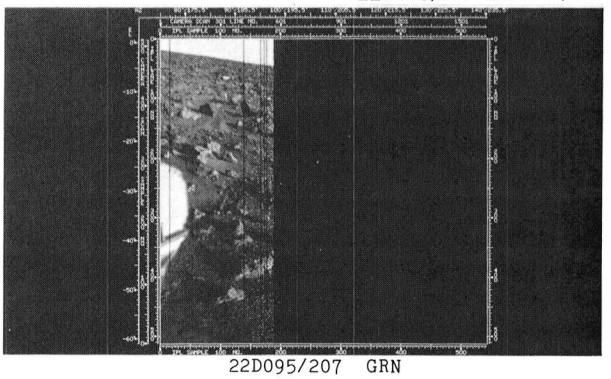
21D094/207 BB4 2/3



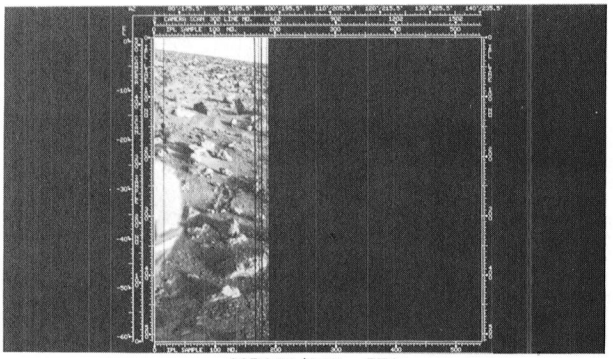
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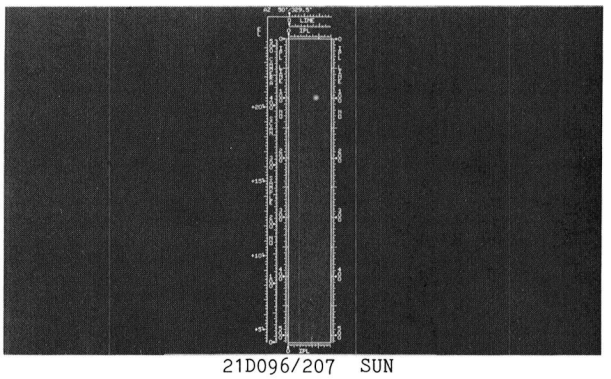
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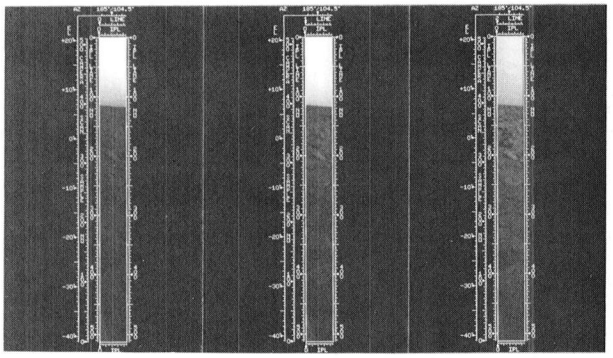
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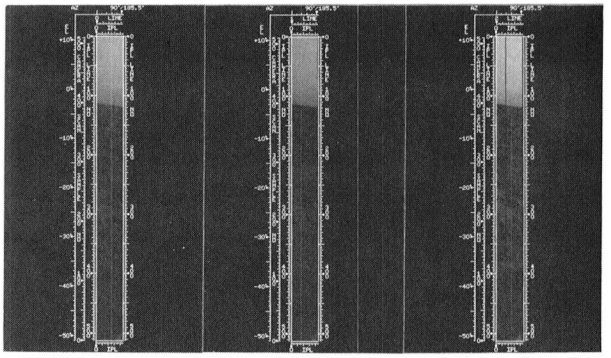
22D095/207 RED



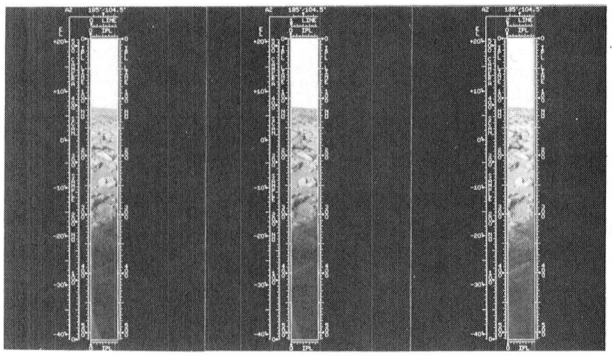
21D096/207 SUN



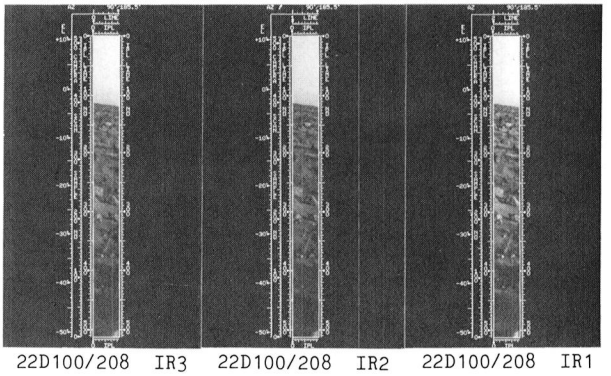
21D097/208 BLU 21D097/208 GRN 21D097/208 RED



22D098/208 IR3 22D098/208 IR2 22D098/208 IR1

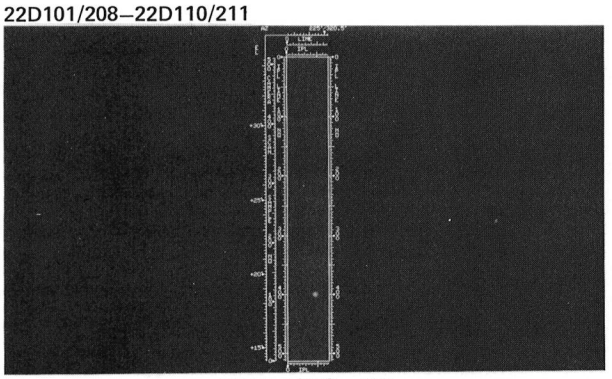


21D099/208 BLU 21D099/208 GRN 21D099/208 RED

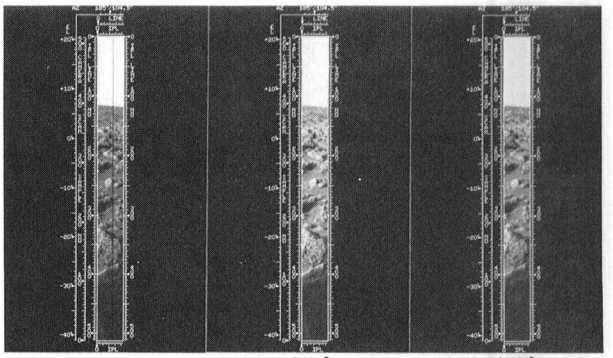


22D100/208 IR3 22D100/208 IR2 22D100/208 IR1

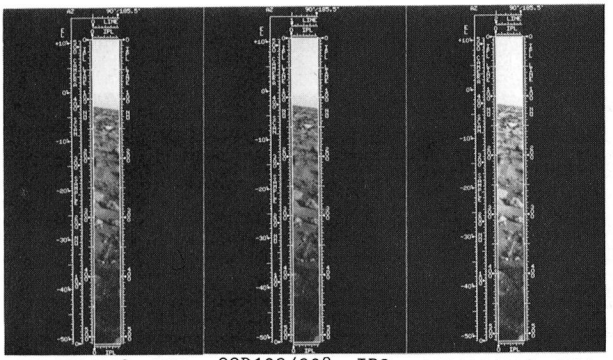
22D101/208–22D110/211



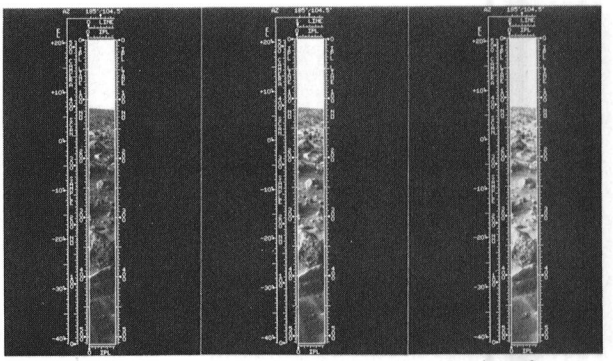
22D101/208 SUN



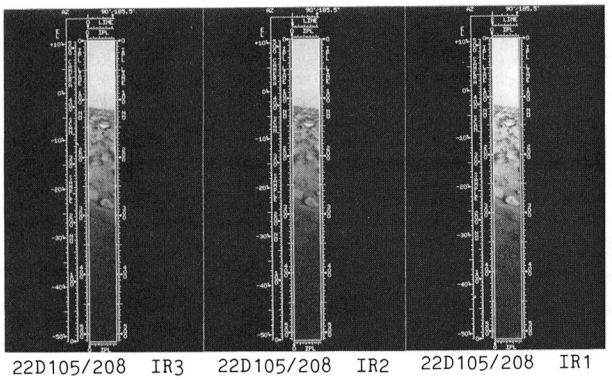
21D102/208 BLU 21D102/208 GRN 21D102/208 RED



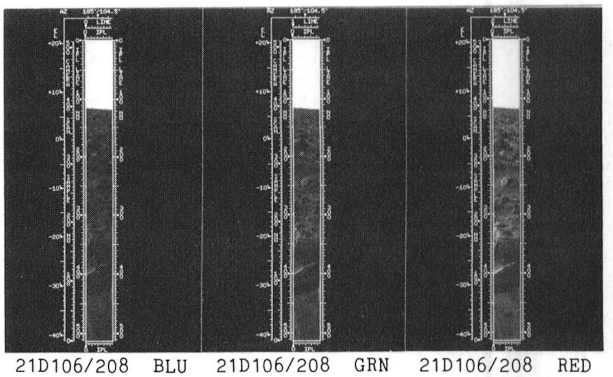
22D103/208 IR3 22D103/208 IR2 22D103/208 IR1



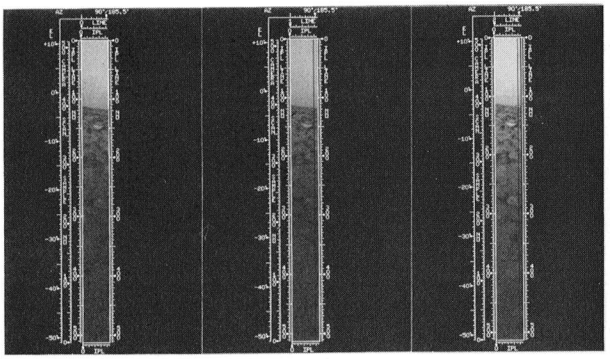
21D104/208 BLU 21D104/208 GRN 21D104/208 RED



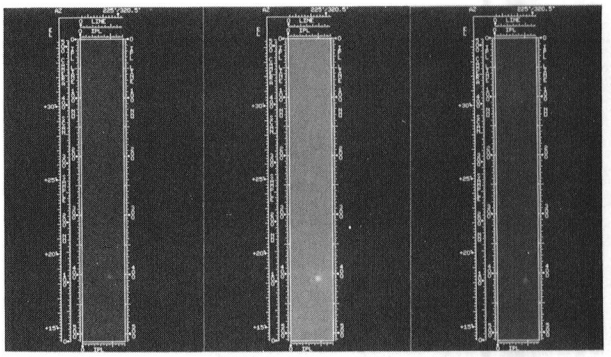
22D105/208 IR3 22D105/208 IR2 22D105/208 IR1



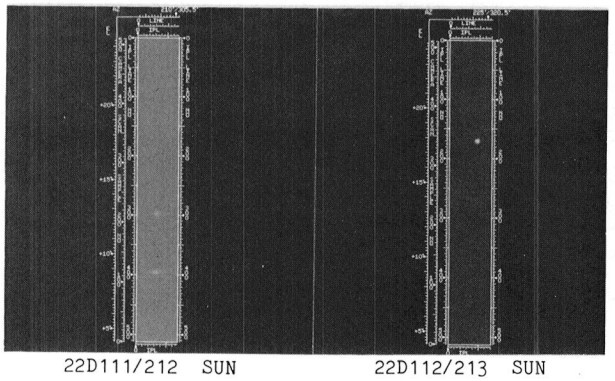
21D106/208 BLU 21D106/208 GRN 21D106/208 RED



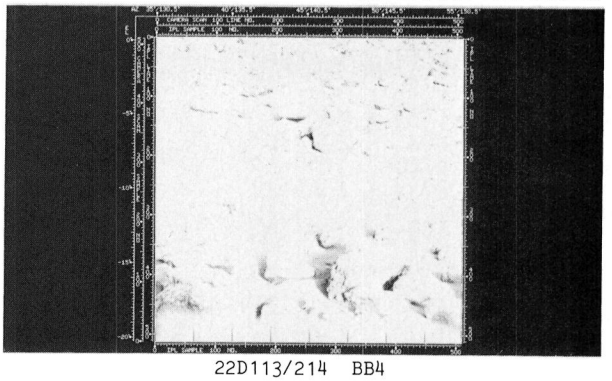
22D107/208 IR3 22D107/208 IR2 22D107/208 IR1



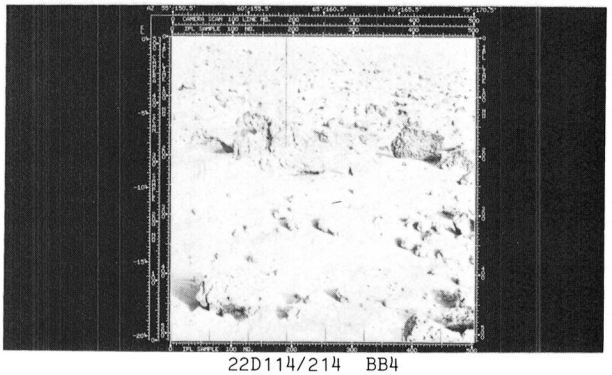
22D108/209 SUN 22D109/210 SUN 22D110/211 SUN



22D111/212 SUN



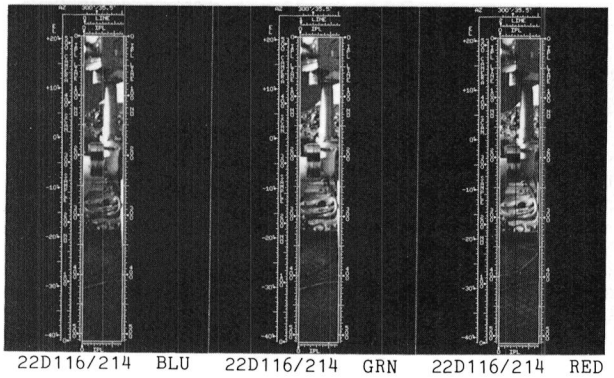
22D112/213 SUN



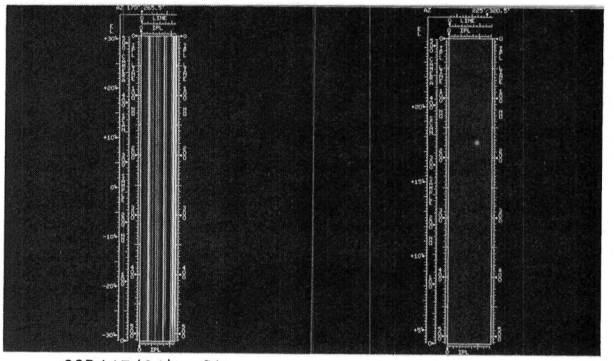
22D113/214 BB4



22D114/214 BB4



22D115/214 BB4



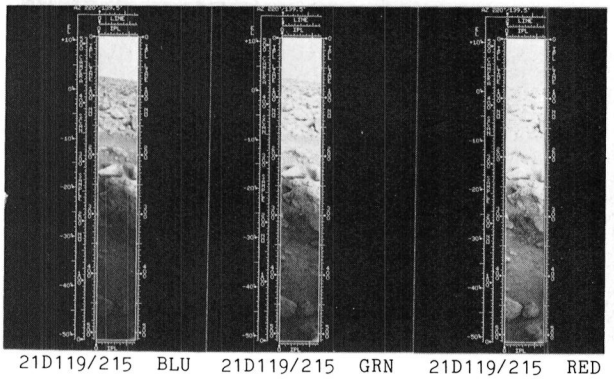
22D116/214 BLU

22D116/214 GRN

22D116/214 RED

22D117/214 CAL

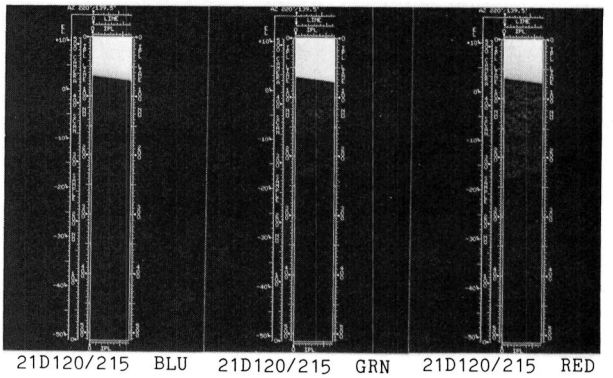
22D118/214 SUN



21D119/215 BLU

21D119/215 GRN

21D119/215 RED

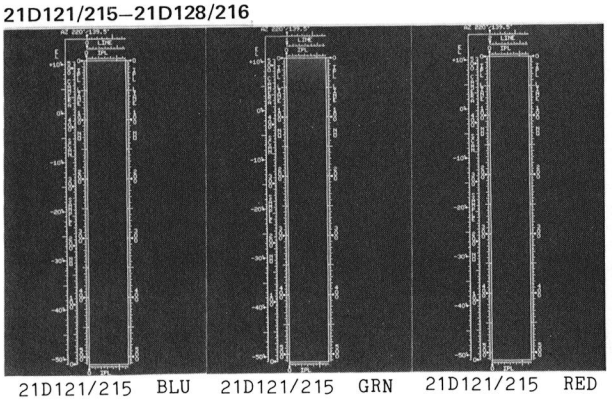


21D120/215 BLU

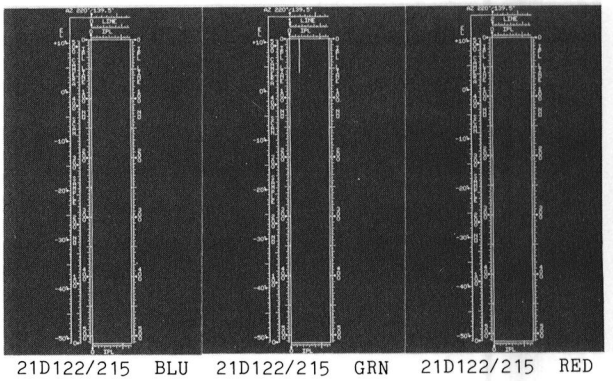
21D120/215 GRN

21D120/215 RED

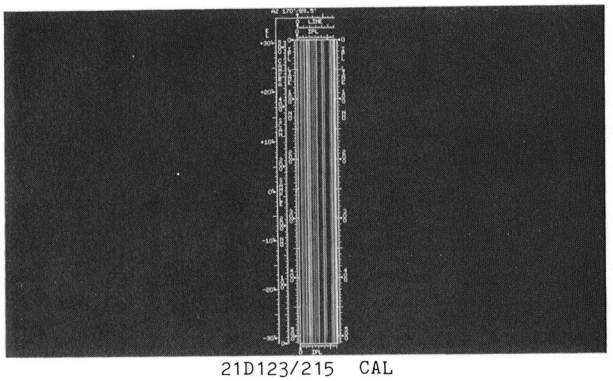
21D121/215–21D128/216



21D121/215 BLU 21D121/215 GRN 21D121/215 RED



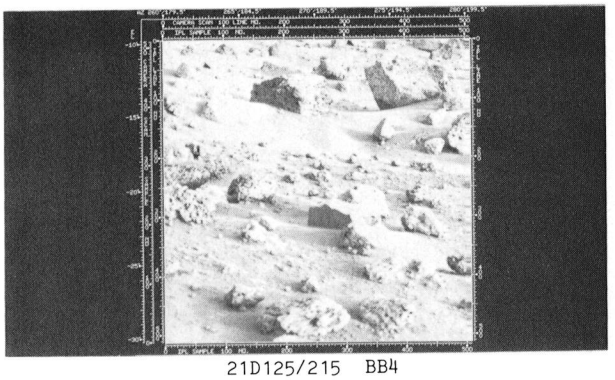
21D122/215 BLU 21D122/215 GRN 21D122/215 RED



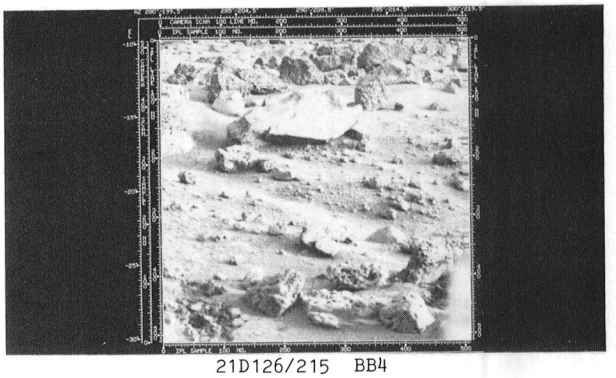
21D123/215 CAL



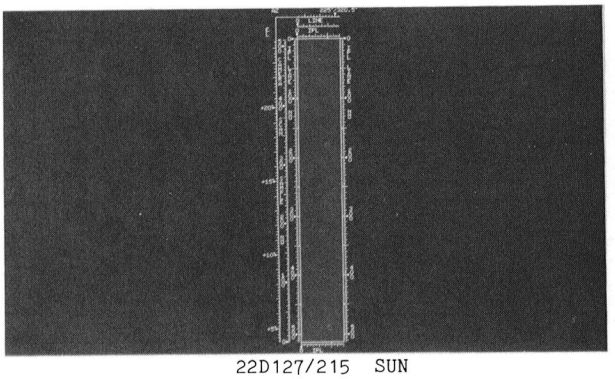
21D124/215 BB4



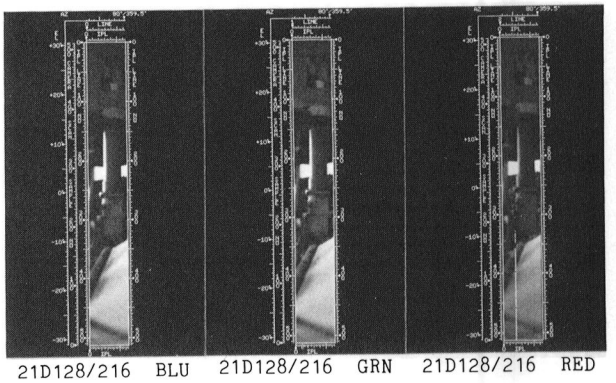
21D125/215 BB4



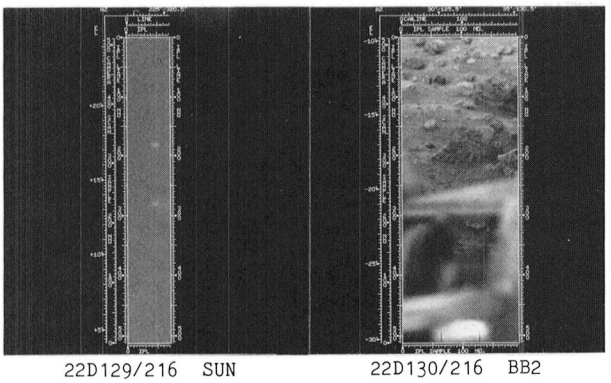
21D126/215 BB4



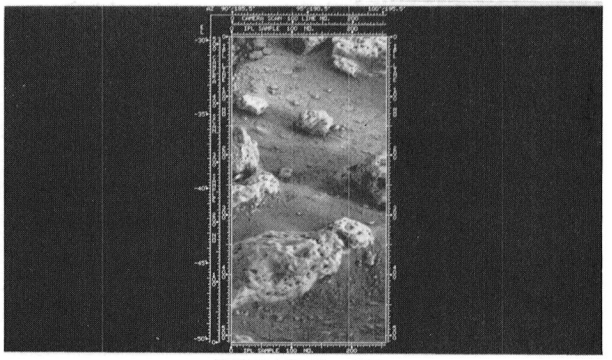
22D127/215 SUN



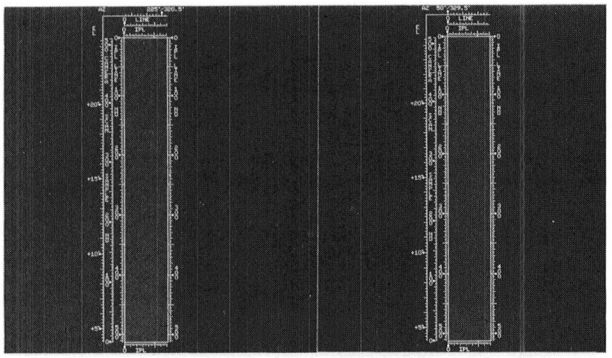
21D128/216 BLU 21D128/216 GRN 21D128/216 RED



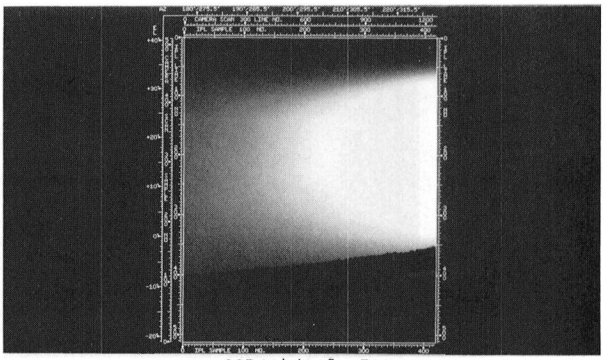
22D129/216 SUN 22D130/216 BB2



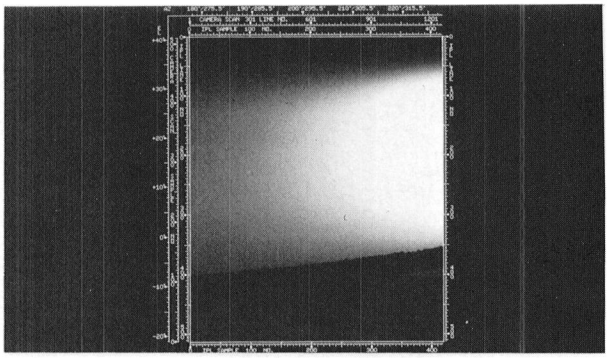
22D131/216 BB2



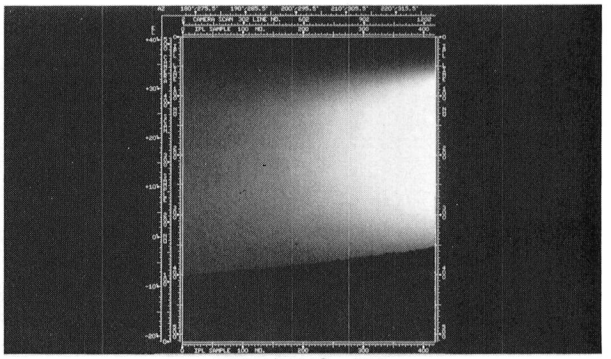
22D132/217 SUN 21D133/218 SUN



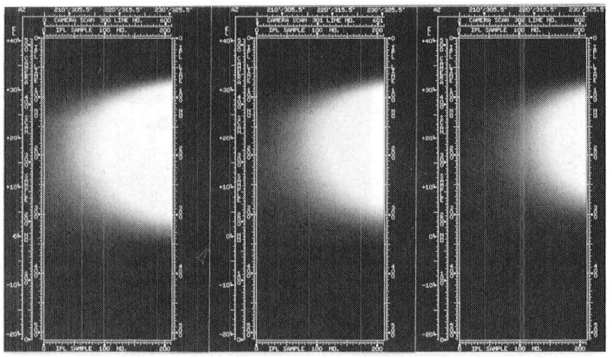
22D134/218 BLU



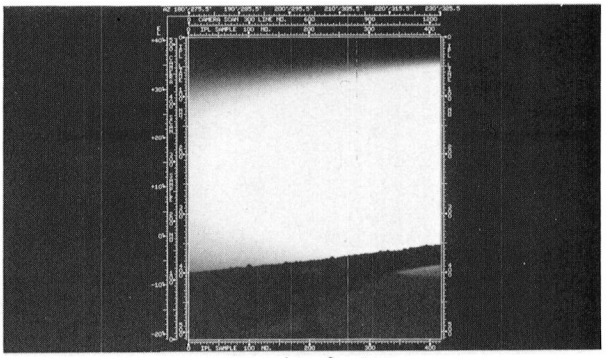
22D134/218 GRN



22D134/218 RED

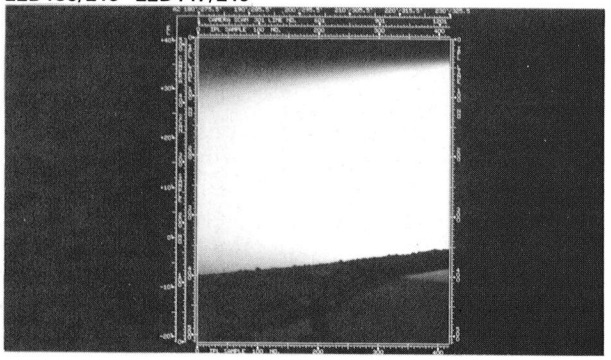


22D135/218 BLU 22D135/218 GRN 22D135/218 RED

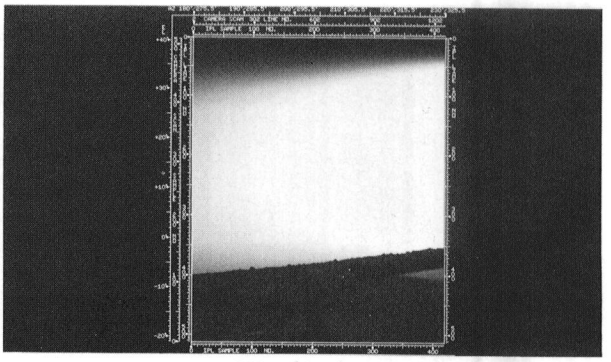


22D136/218 BLU

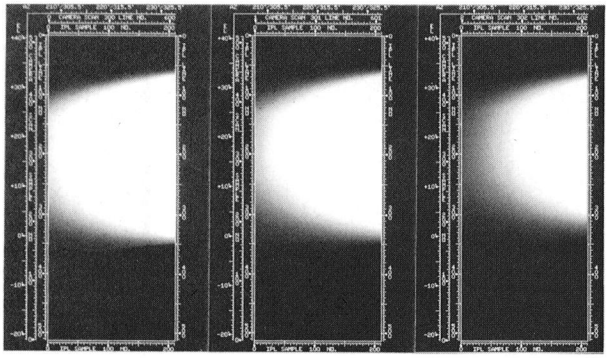
22D136/218–22D147/219



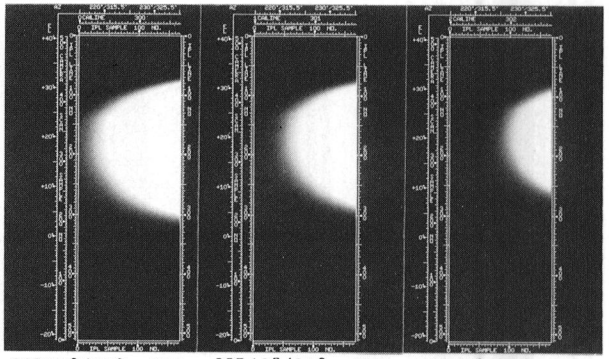
22D136/218 GRN



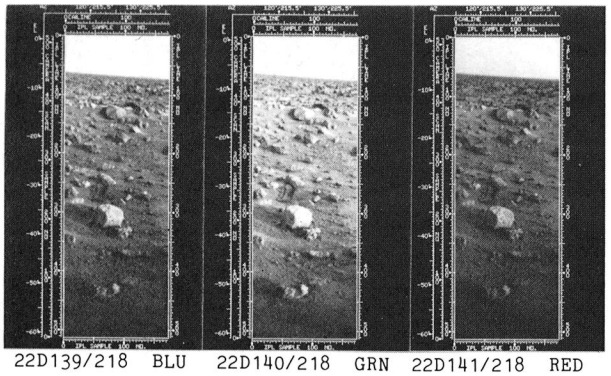
22D136/218 RED



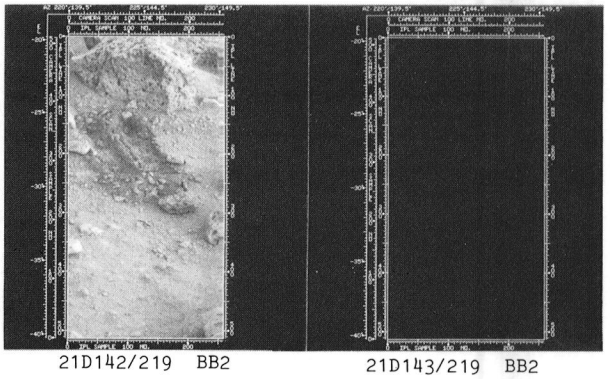
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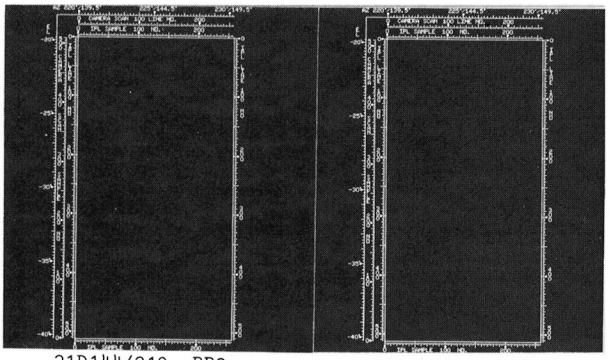
22D138/218 BLU 22D138/218 GRN 22D138/218 RED



22D139/218 BLU 22D140/218 GRN 22D141/218 RED



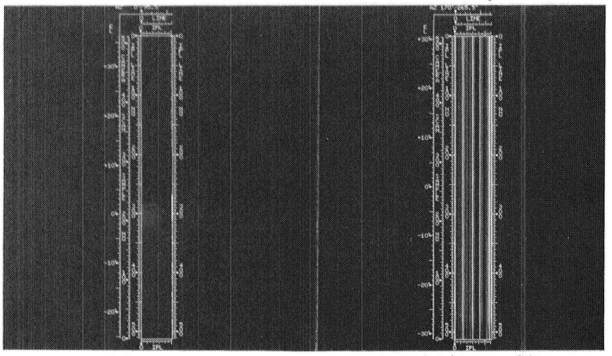
21D142/219 BB2 21D143/219 BB2



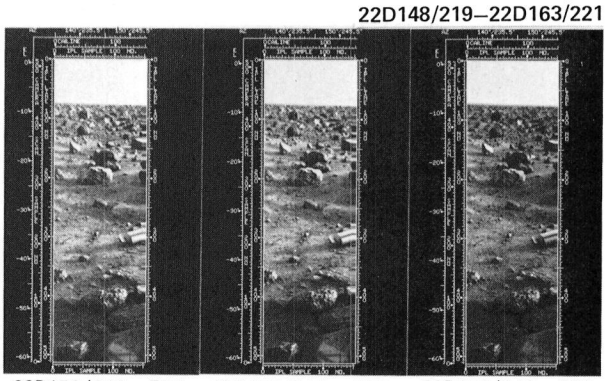
21D144/219 BB2 21D145/219 BB2



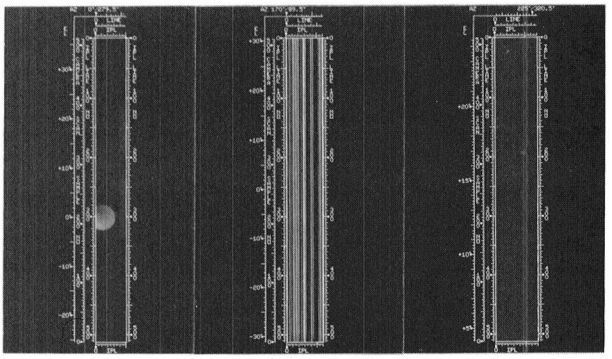
22D146/219 BB1 22D147/219 BB1



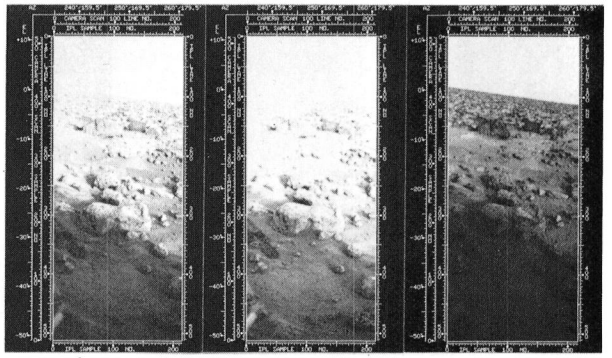
22D148/219 BB1 22D149/219 CAL



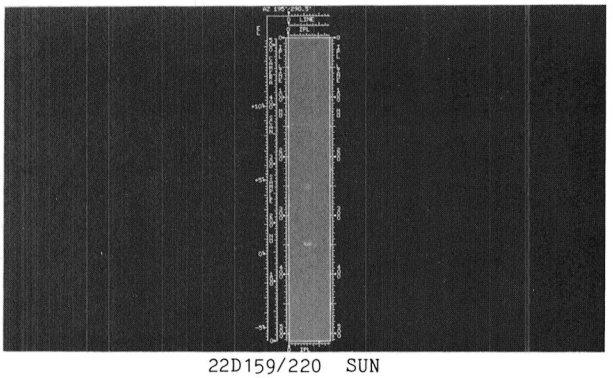
22D150/219 BLU 22D151/219 GRN 22D152/219 RED



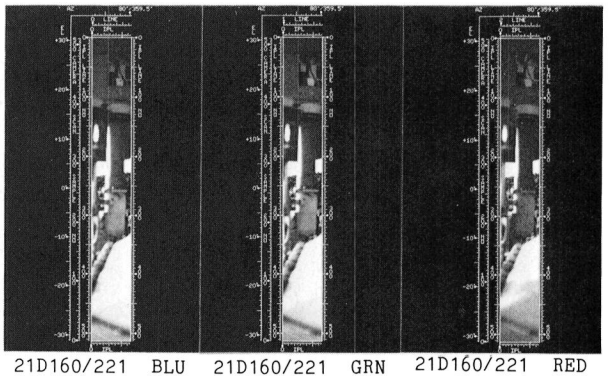
21D153/219 BB1 21D154/219 CAL 22D155/219 SUN



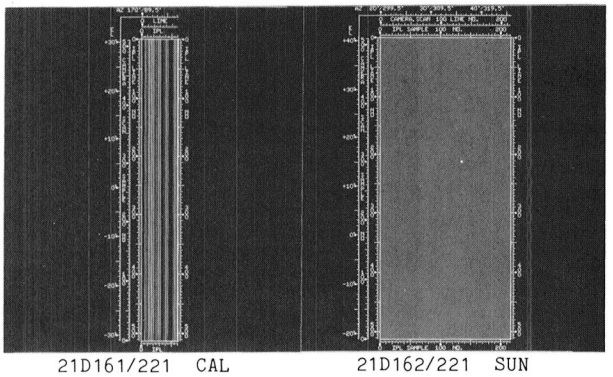
21D156/219 BLU 21D157/219 GRN 21D158/219 RED



22D159/220 SUN



21D160/221 BLU 21D160/221 GRN 21D160/221 RED

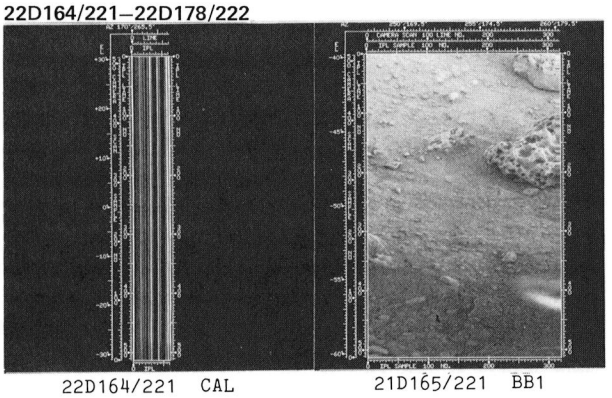


21D161/221 CAL 21D162/221 SUN

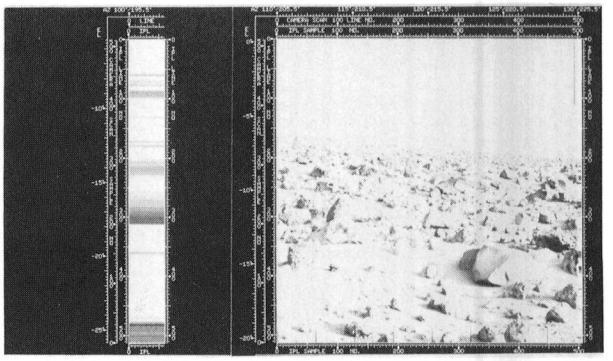


22D163/221 BB4

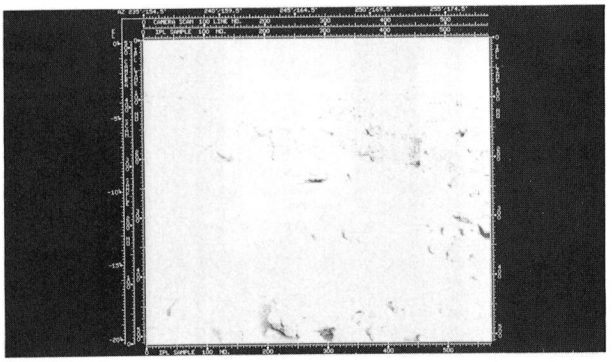
22D164/221–22D178/222



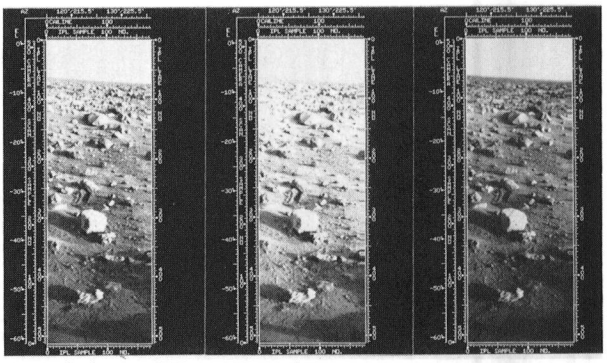
22D164/221 CAL 21D165/221 BB1



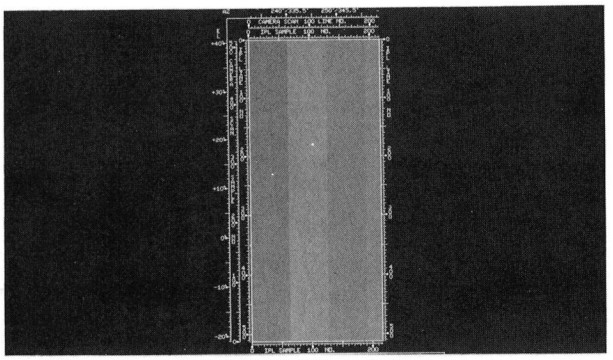
22D166/221 SUR 22D167/221 BB4



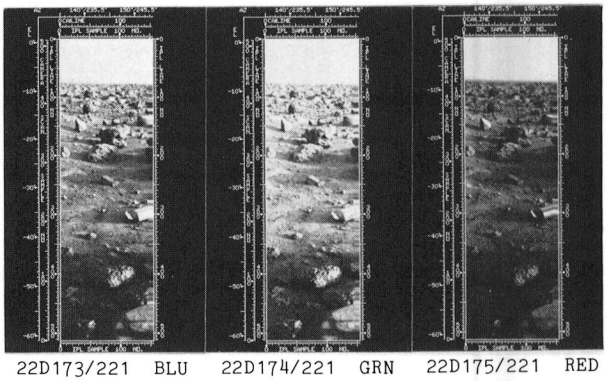
21D168/221 BB4



22D169/221 BLU 22D170/221 GRN 22D171/221 RED



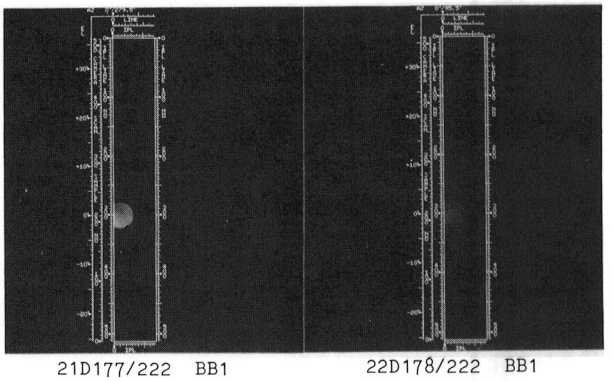
22D172/221 SUN



22D173/221 BLU 22D174/221 GRN 22D175/221 RED



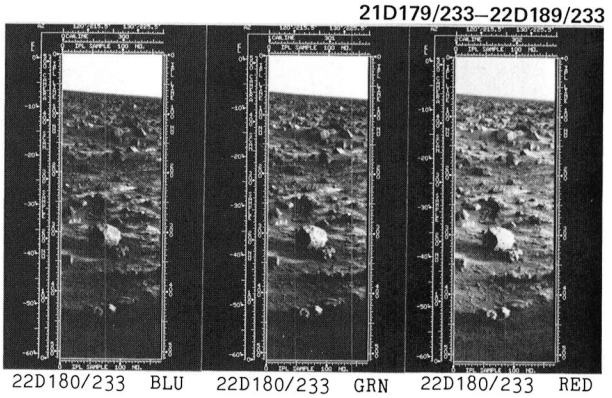
21D176/221 BB4



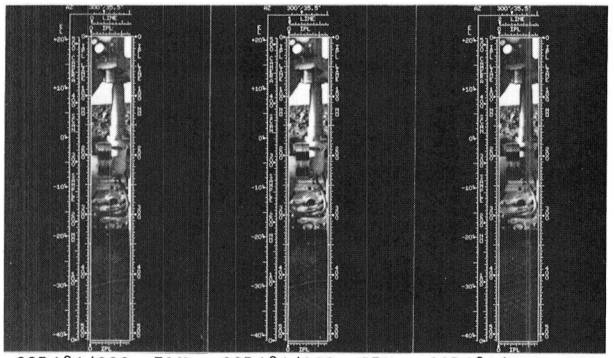
21D177/222 BB1 22D178/222 BB1



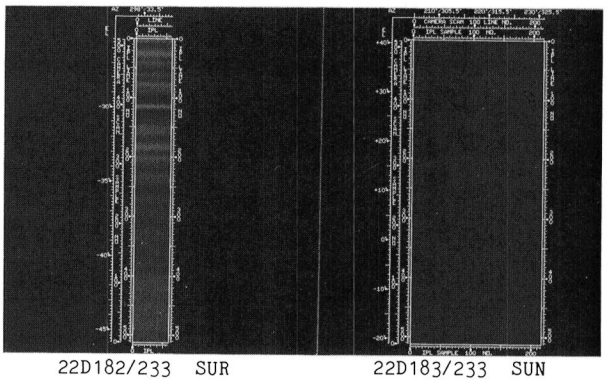
21D179/233 BB4



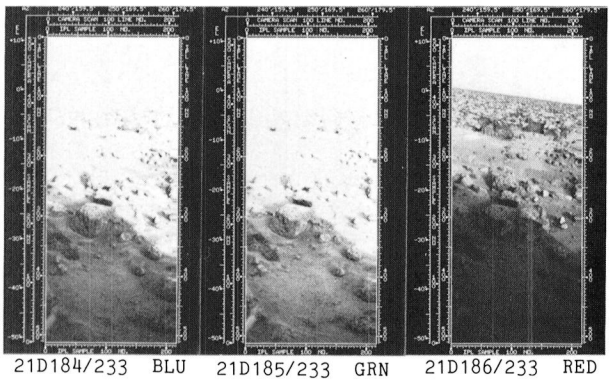
22D180/233 BLU 22D180/233 GRN 22D180/233 RED



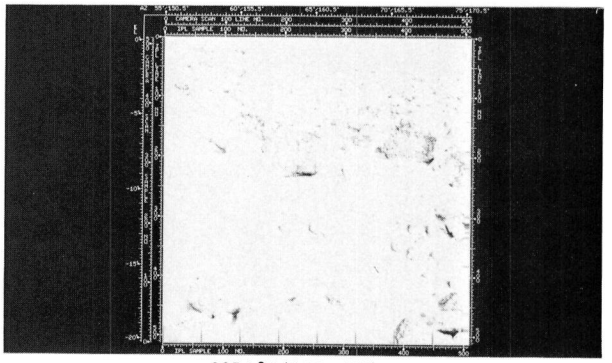
22D181/233 BLU 22D181/233 GRN 22D181/233 RED



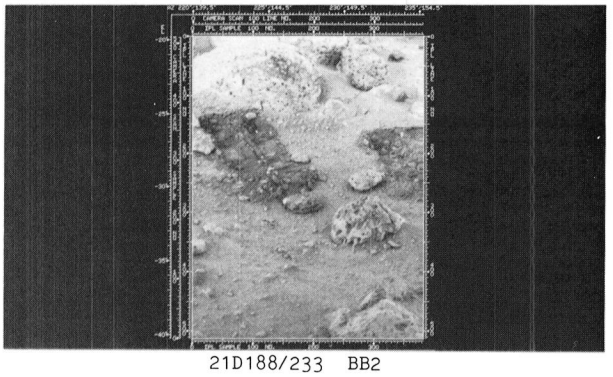
22D182/233 SUR 22D183/233 SUN



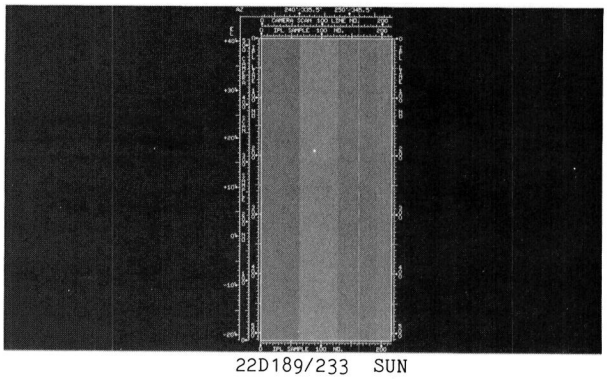
21D184/233 BLU 21D185/233 GRN 21D186/233 RED



22D187/233 BB4

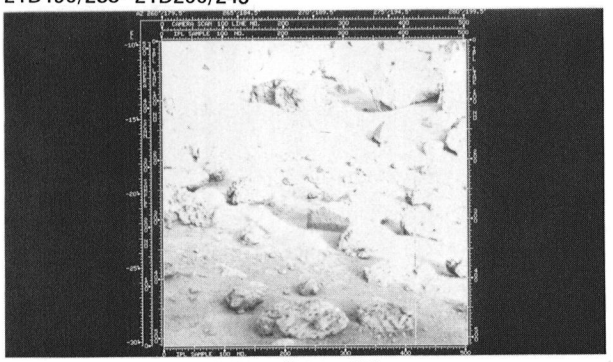


21D188/233 BB2

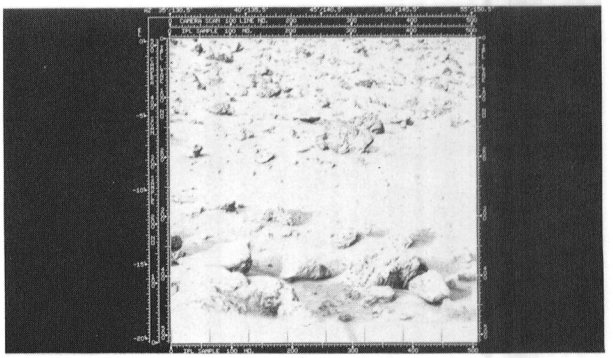


22D189/233 SUN

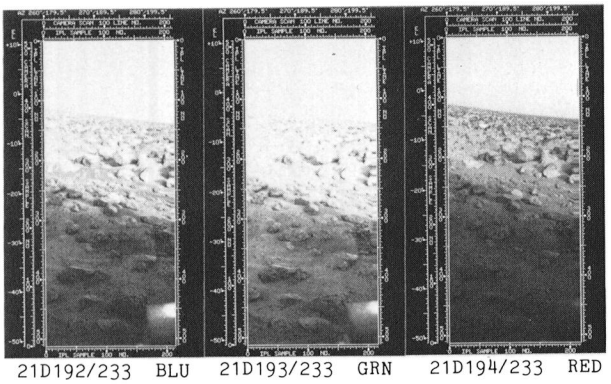
VL-2



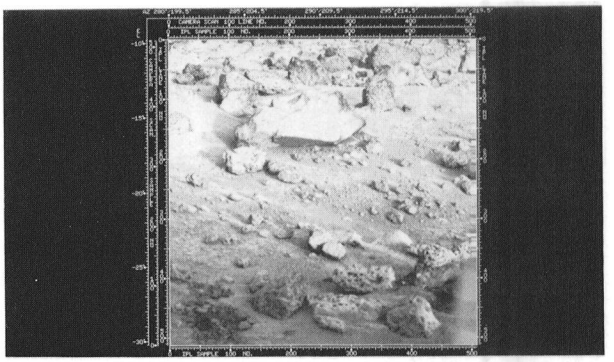
21D190/233 BB4



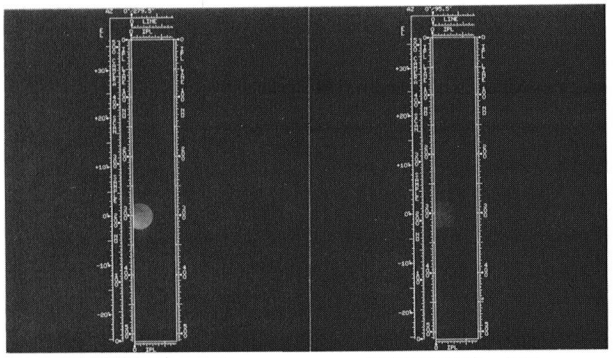
22D191/233 BB4



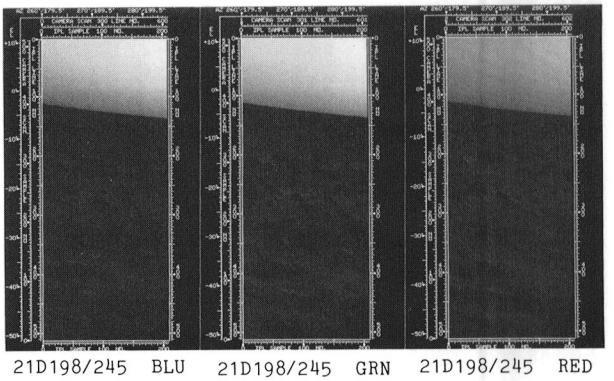
21D192/233 BLU 21D193/233 GRN 21D194/233 RED



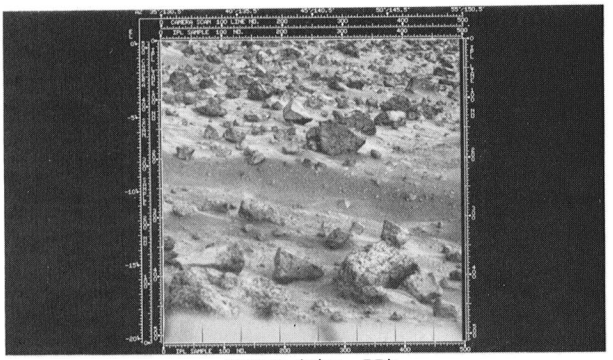
21D195/233 BB4



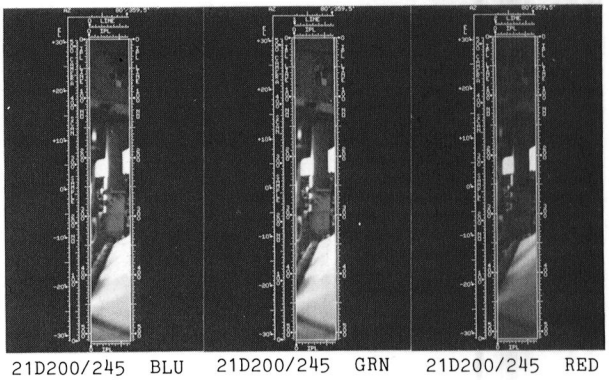
21D196/234 BB1 22D197/234 BB1



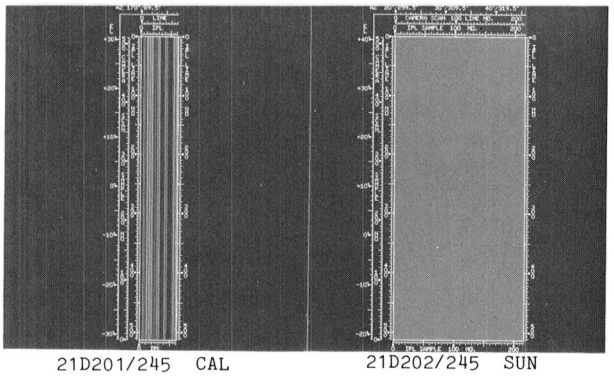
21D198/245 BLU 21D198/245 GRN 21D198/245 RED



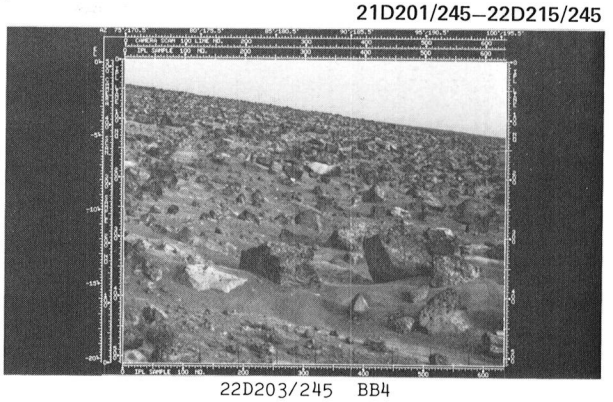
22D199/245 BB4



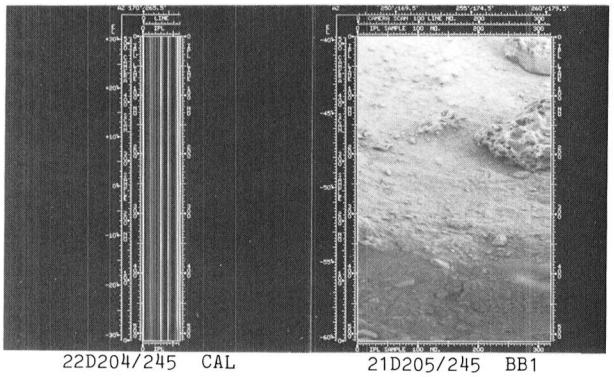
21D200/245 BLU 21D200/245 GRN 21D200/245 RED



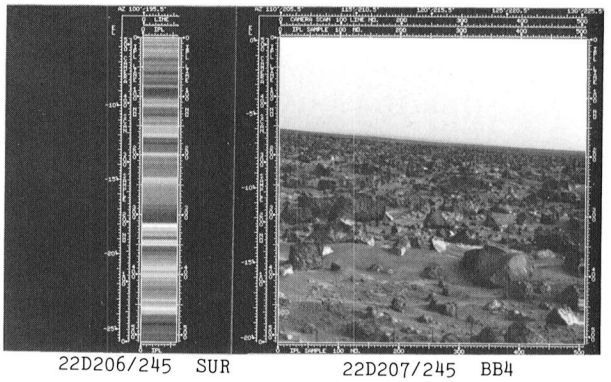
21D201/245 CAL 21D202/245 SUN



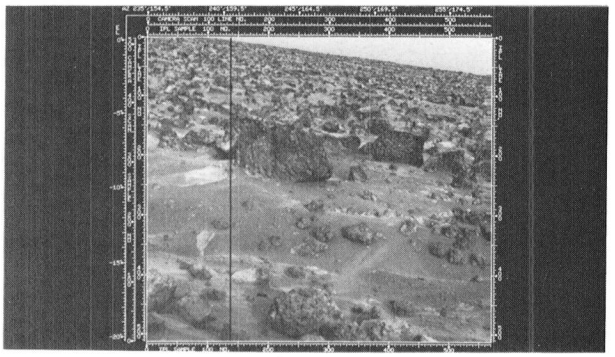
22D203/245 BB4



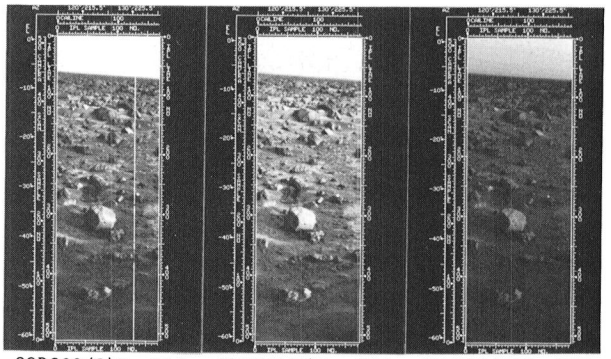
22D204/245 CAL 21D205/245 BB1



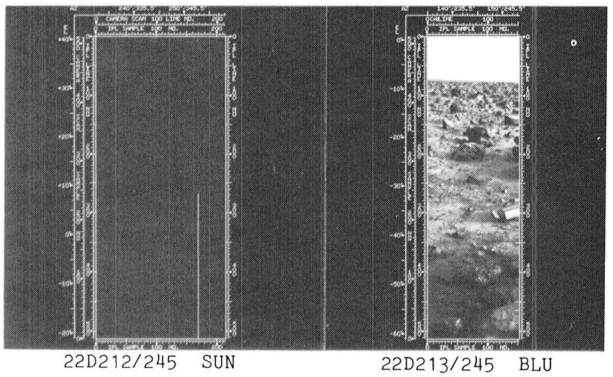
22D206/245 SUR 22D207/245 BB4



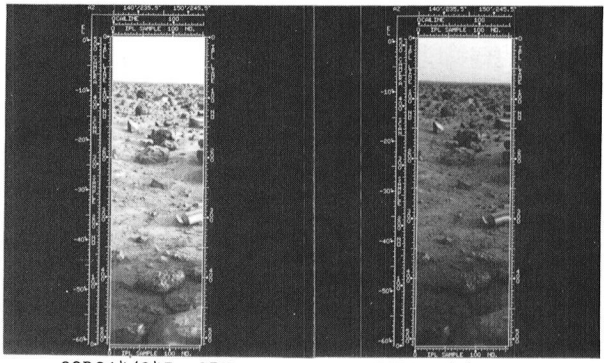
21D208/245 BB4



22D209/245 BLU 22D210/245 GRN 22D211/245 RED

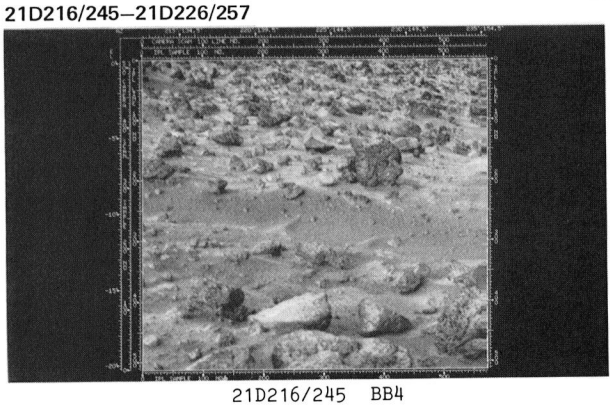


22D212/245 SUN 22D213/245 BLU

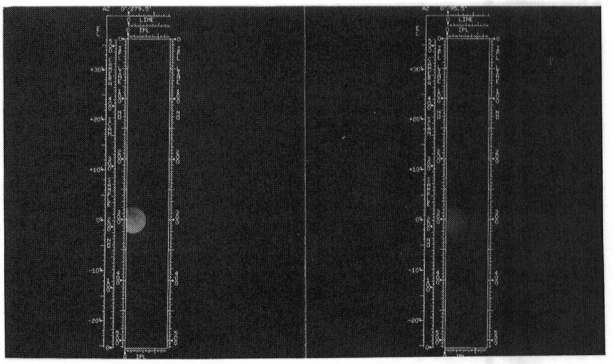


22D214/245 GRN 22D215/245 RED

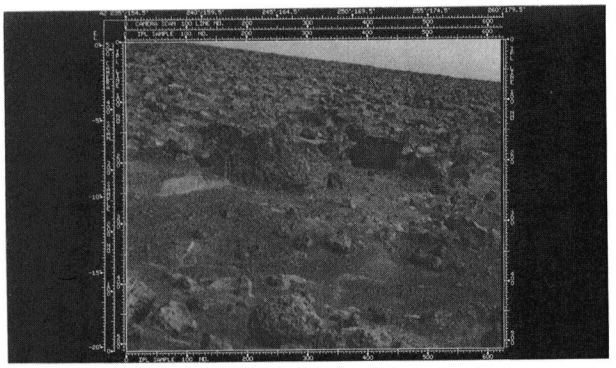
21D216/245–21D226/257



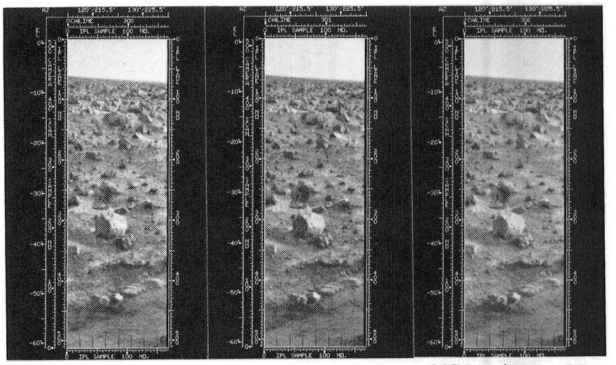
21D216/245 BB4



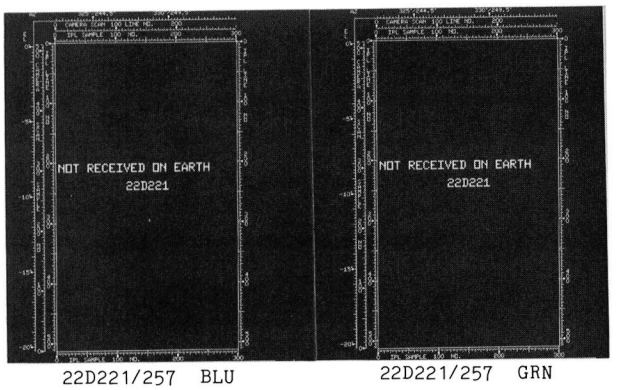
21D217/246 BB1 22D218/246 BB1



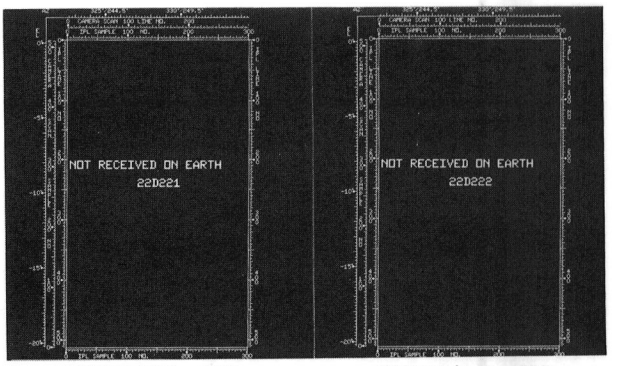
21D219/257 BB4



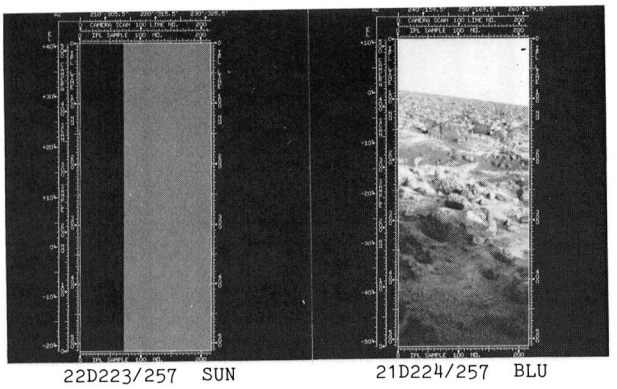
22D220/257 BLU 22D220/257 GRN 22D220/257 RED



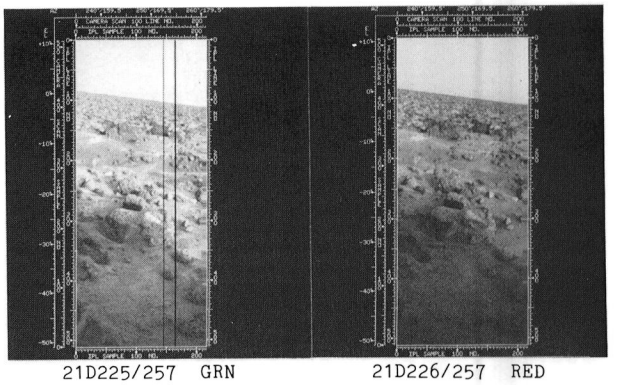
22D221/257 BLU 22D221/257 GRN



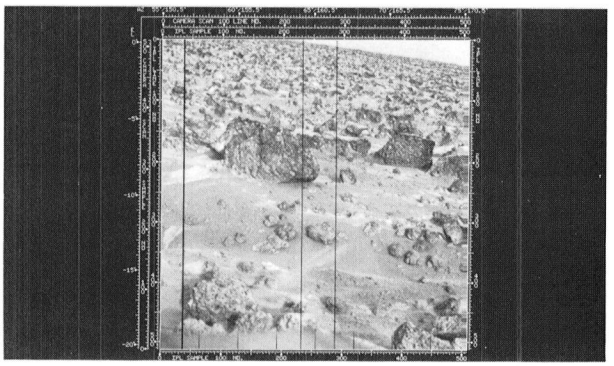
22D221/257 RED 22D222/257 SUR



22D223/257 SUN 21D224/257 BLU



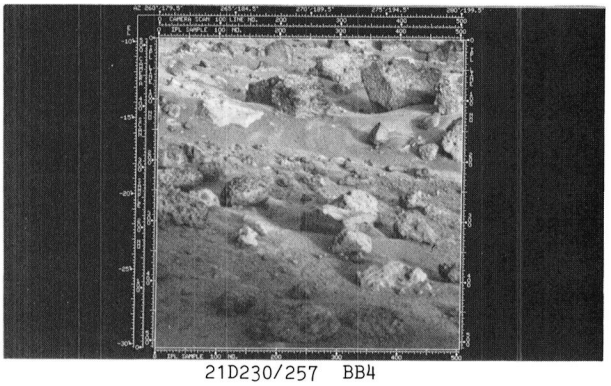
21D225/257 GRN 21D226/257 RED



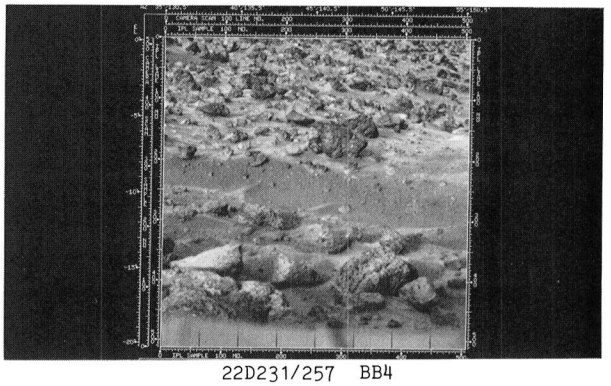
22D227/257 BB4



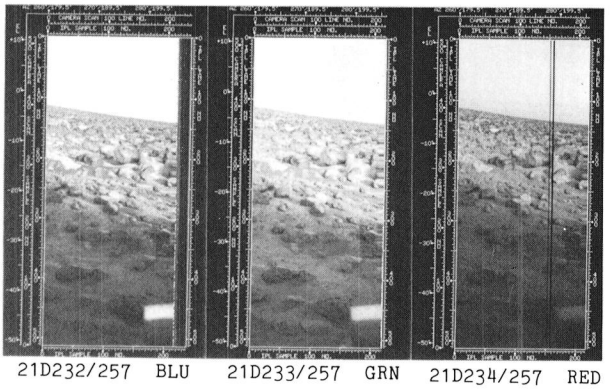
21D228/257 BB2 22D229/257 SUN



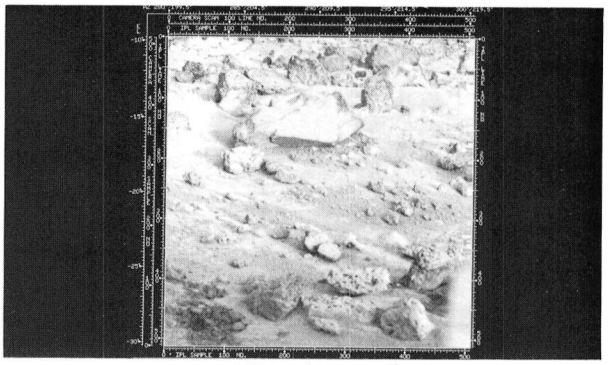
21D230/257 BB4



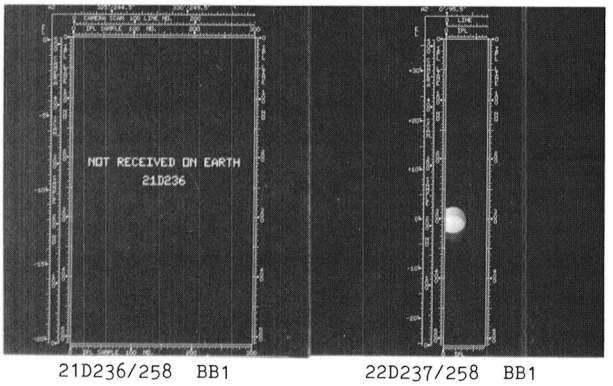
22D231/257 BB4



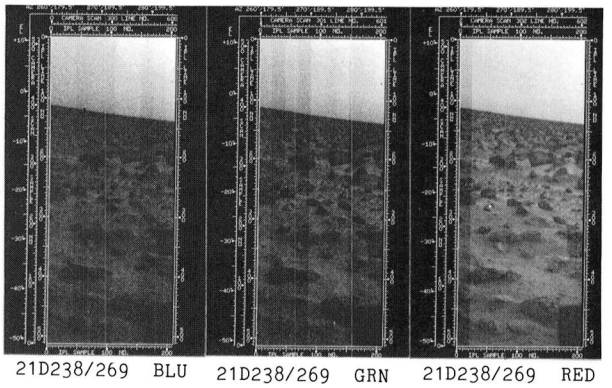
21D232/257 BLU 21D233/257 GRN 21D234/257 RED



21D235/257 BB4



21D236/258 BB1 22D237/258 BB1

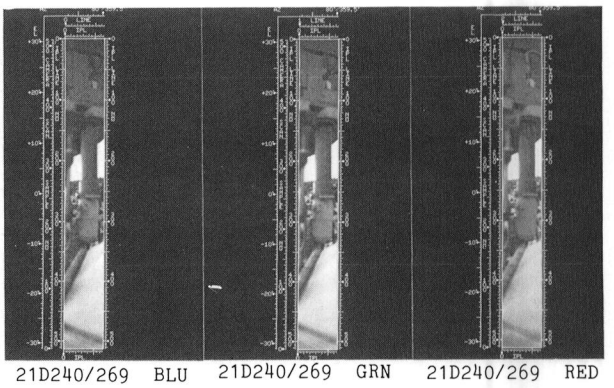


21D238/269 BLU 21D238/269 GRN 21D238/269 RED

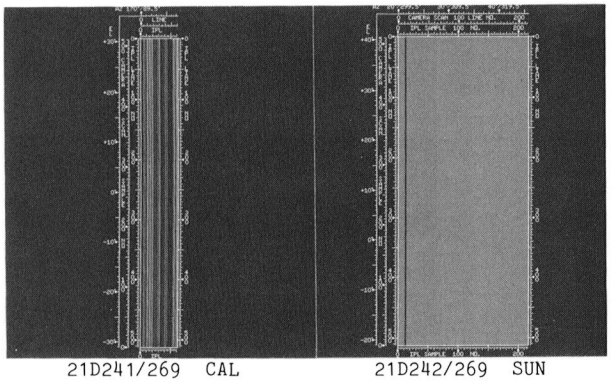
22D239/269–22D251/269



22D239/269 BB4



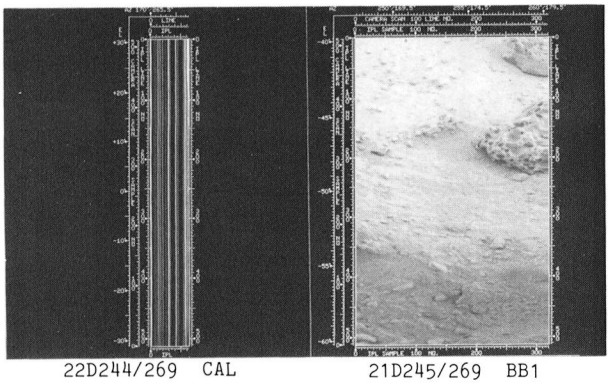
21D240/269 BLU 21D240/269 GRN 21D240/269 RED



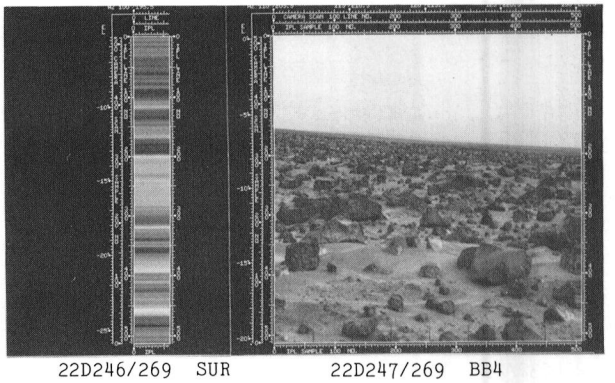
21D241/269 CAL 21D242/269 SUN



22D243/269 BB4



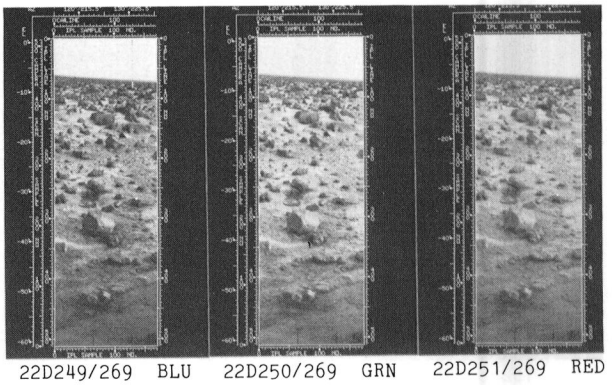
22D244/269 CAL 21D245/269 BB1



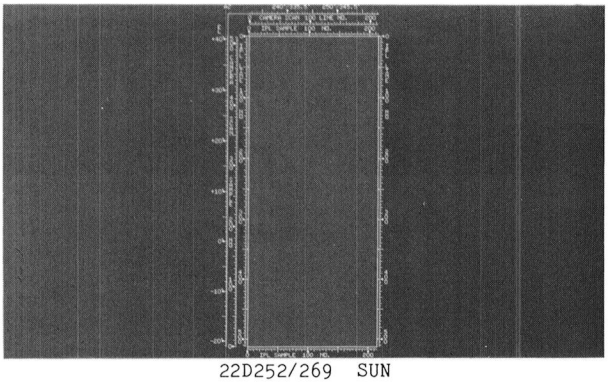
22D246/269 SUR 22D247/269 BB4



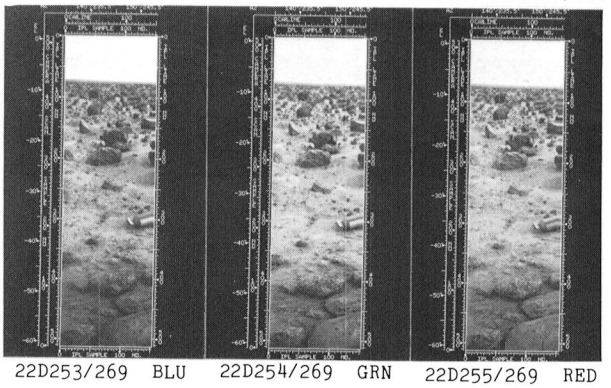
21D248/269 BB4



22D249/269 BLU 22D250/269 GRN 22D251/269 RED



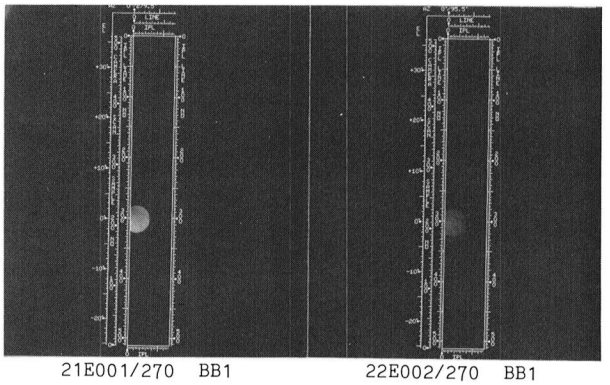
22D252/269 SUN



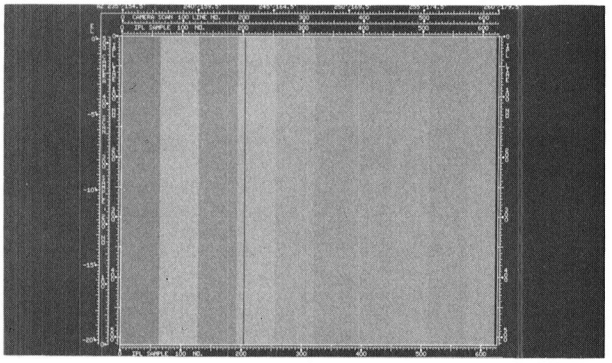
22D253/269 BLU 22D254/269 GRN 22D255/269 RED



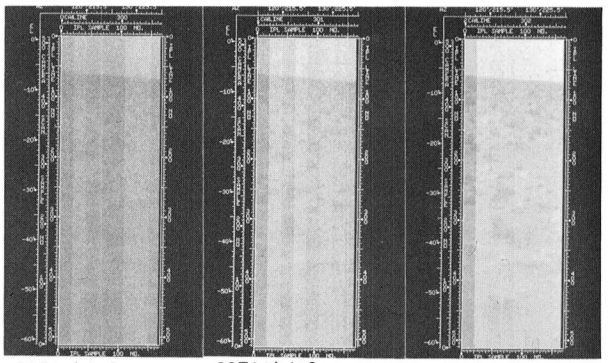
21E000/269 BB4



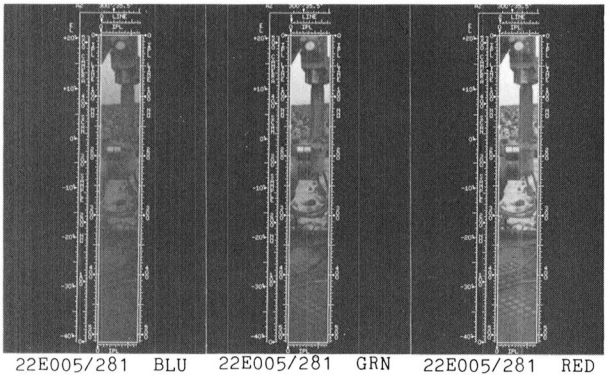
21E001/270 BB1 22E002/270 BB1



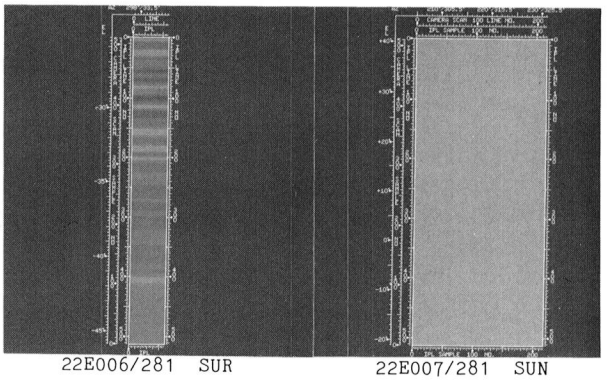
21E003/281 BB4



22E004/281 BLU 22E004/281 GRN 22E004/281 RED

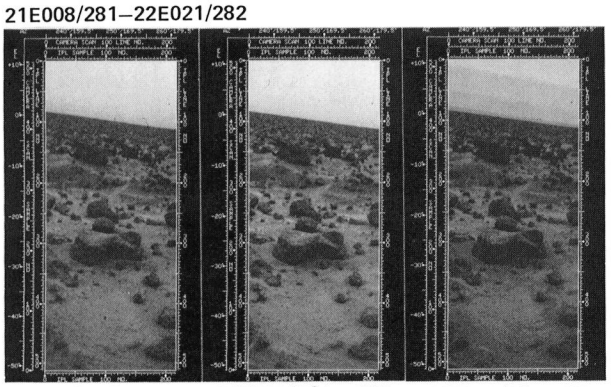


22E005/281 BLU 22E005/281 GRN 22E005/281 RED

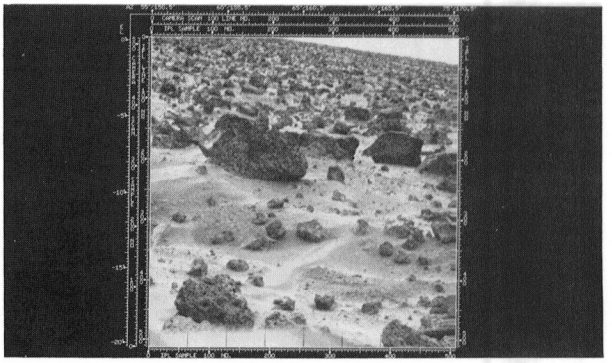


22E006/281 SUR 22E007/281 SUN

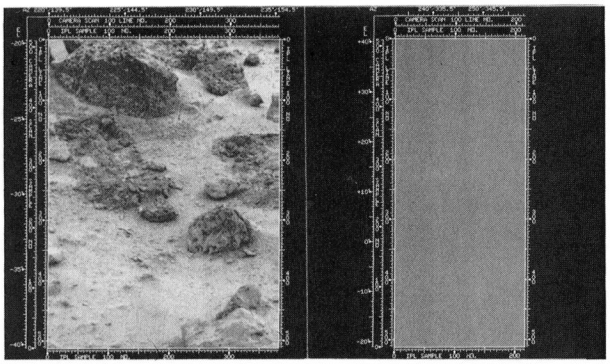
21E008/281–22E021/282



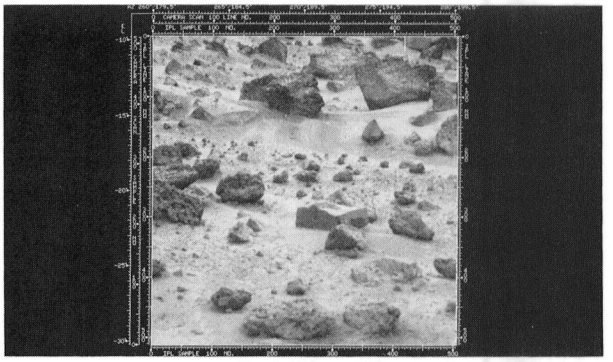
21E008/281 BLU 21E009/281 GRN 21E010/281 RED



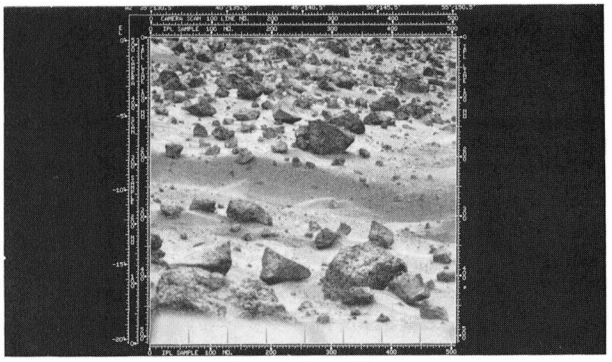
22E011/281 BB4



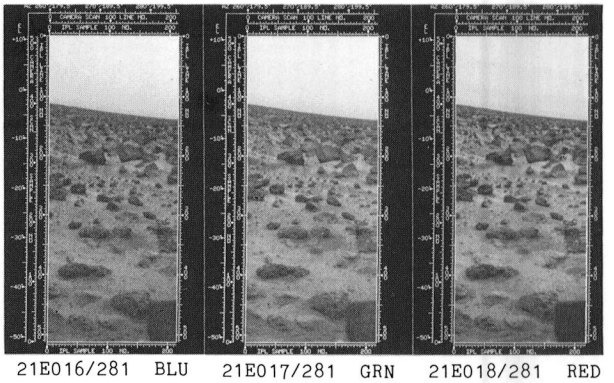
21E012/281 BB2 22E013/281 SUN



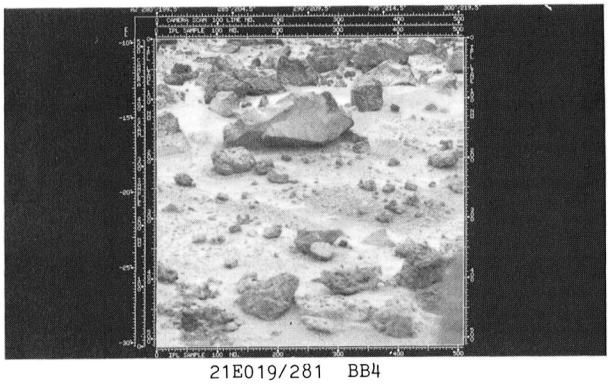
21E014/281 BB4



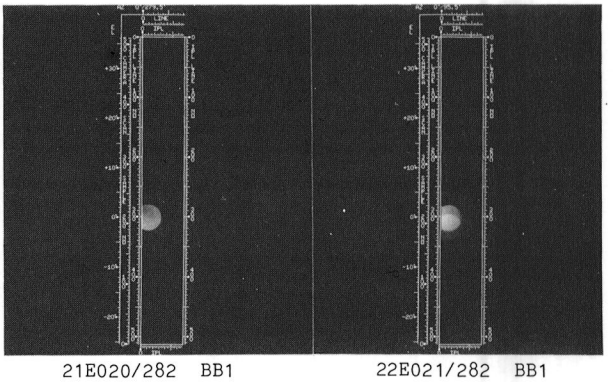
22E015/281 BB4



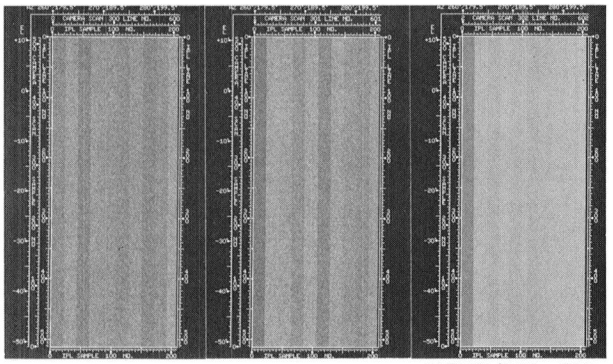
21E016/281 BLU 21E017/281 GRN 21E018/281 RED



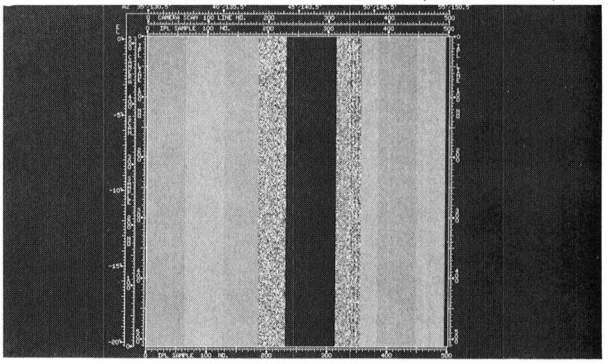
21E019/281 BB4



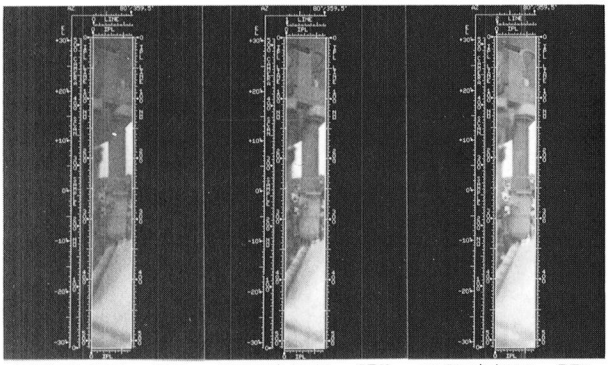
21E020/282 BB1 22E021/282 BB1



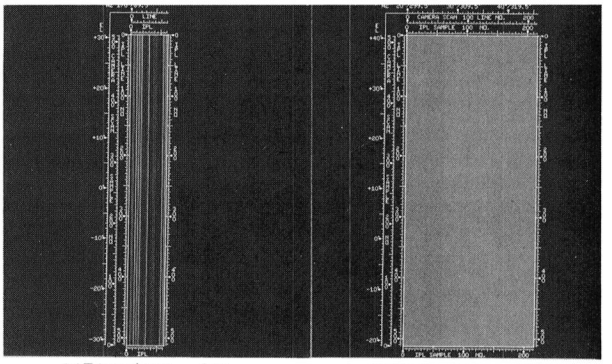
21E022/293 BLU 21E022/293 GRN 21E022/293 RED



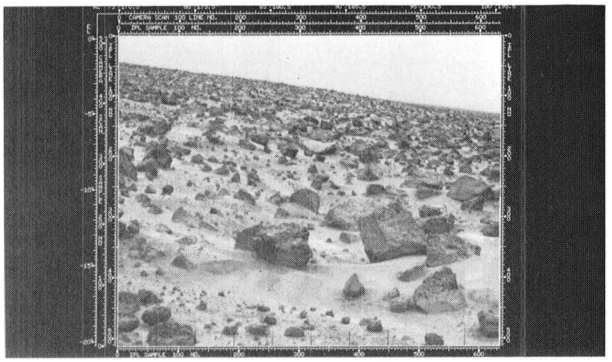
22E023/293 BB4



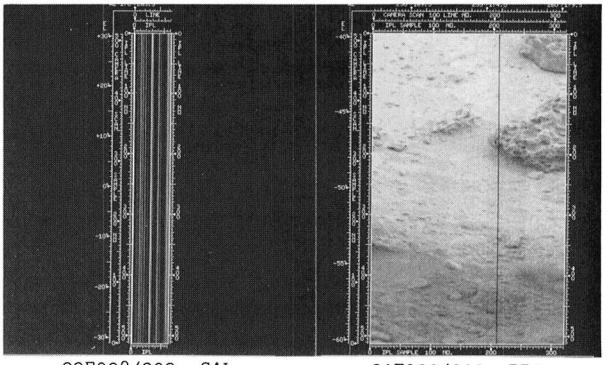
21E024/293 BLU 21E024/293 GRN 21E024/293 RED



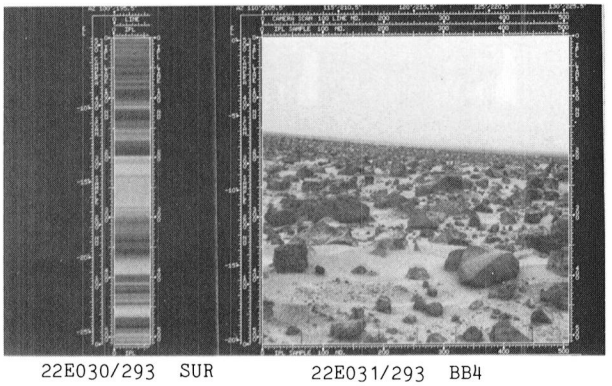
21E025/293 CAL 21E026/293 SUN



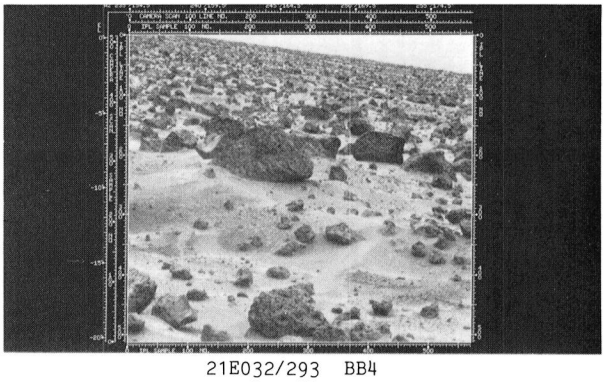
22E027/293 BB4



22E028/293 CAL 21E029/293 BB1

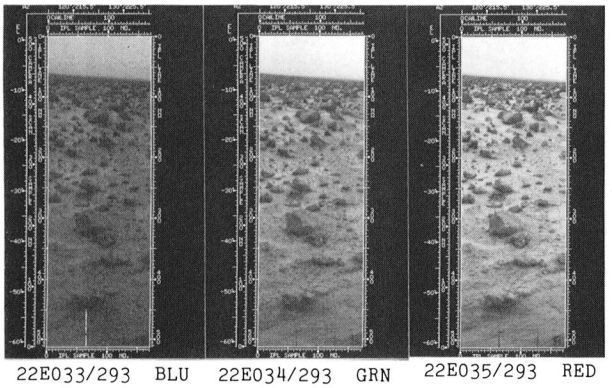


22E030/293 SUR 22E031/293 BB4

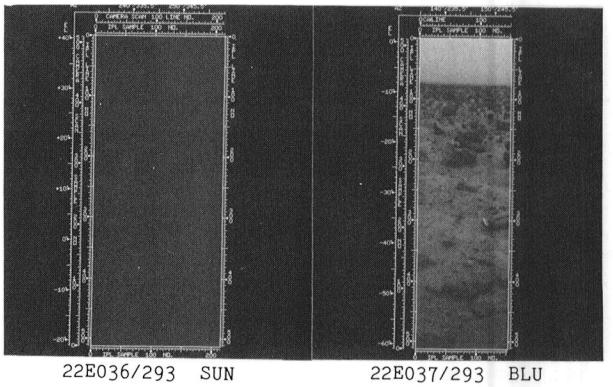


21E032/293 BB4

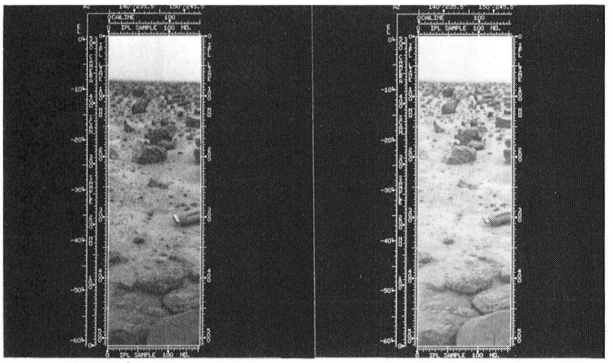
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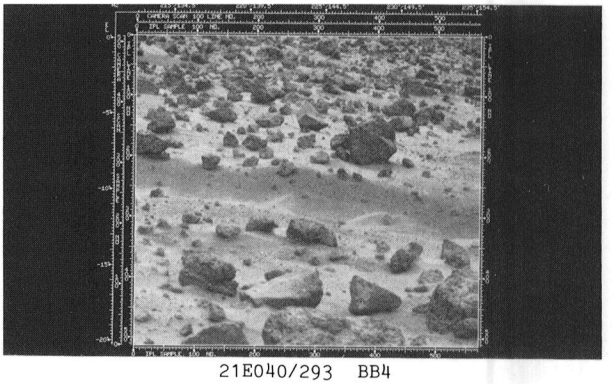
22E033/293 BLU 22E034/293 GRN 22E035/293 RED



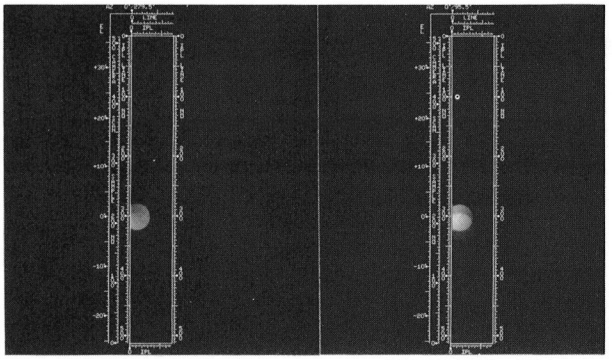
22E036/293 SUN 22E037/293 BLU



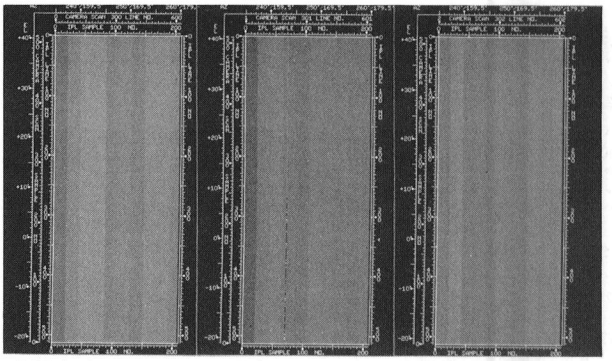
22E038/293 GRN 22E039/293 RED



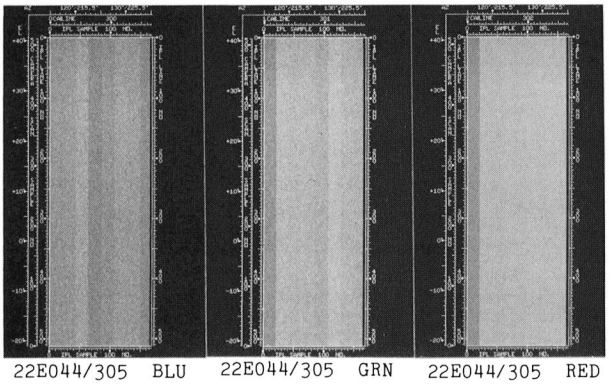
21E040/293 BB4



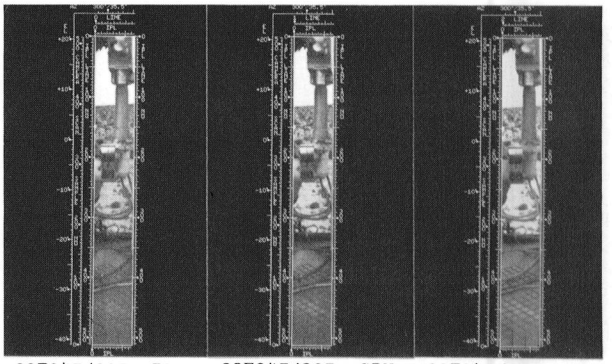
21E041/294 BB1 22E042/294 BB1



21E043/305 IR3 21E043/305 IR2 21E043/305 IR1

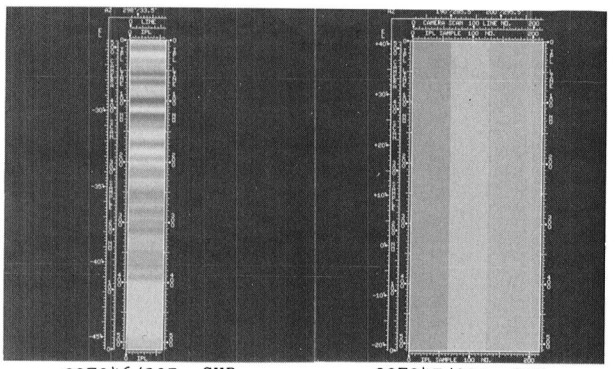


22E044/305 BLU 22E044/305 GRN 22E044/305 RED

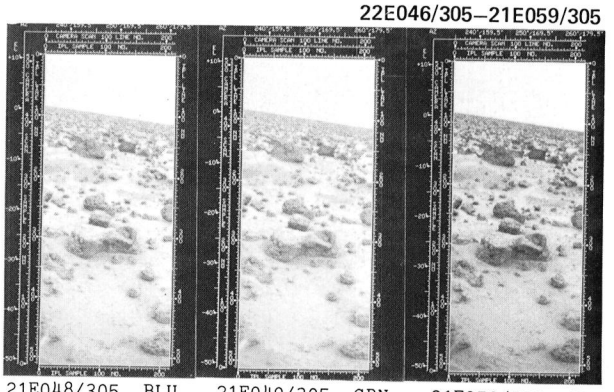


22E045/305 BLU 22E045/305 GRN 22E045/305 RED

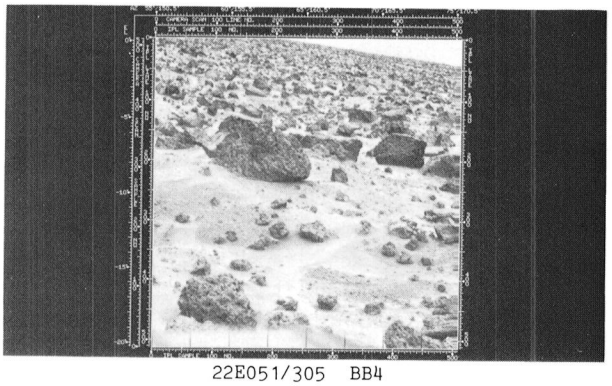
22E046/305–21E059/305



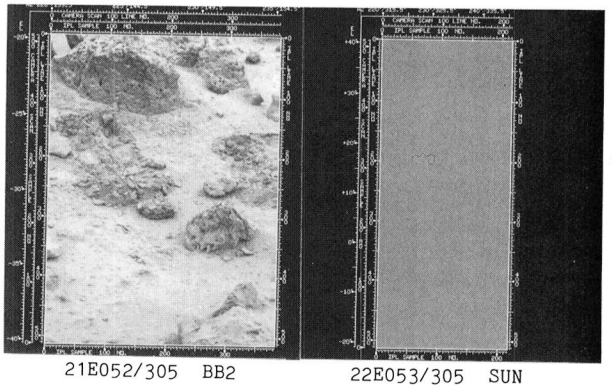
22E046/305 SUR 22E047/305 SUN



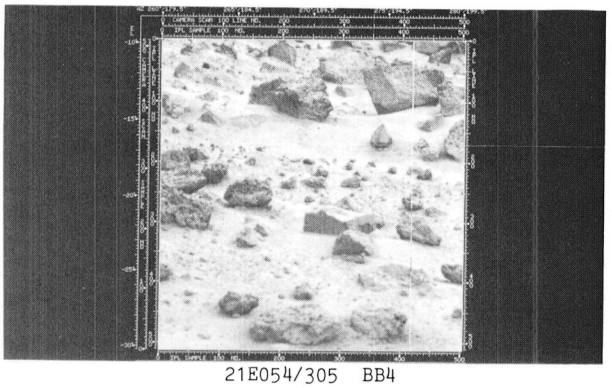
21E048/305 BLU 21E049/305 GRN 21E050/305 RED



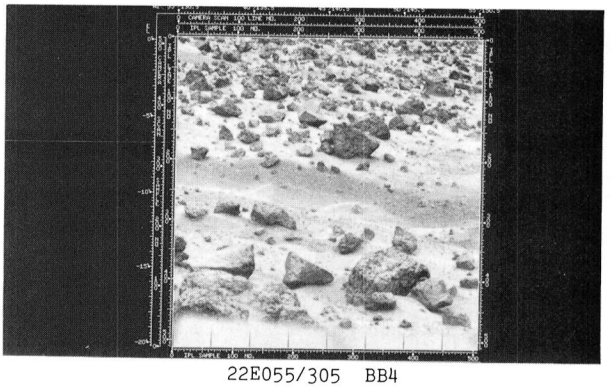
22E051/305 BB4



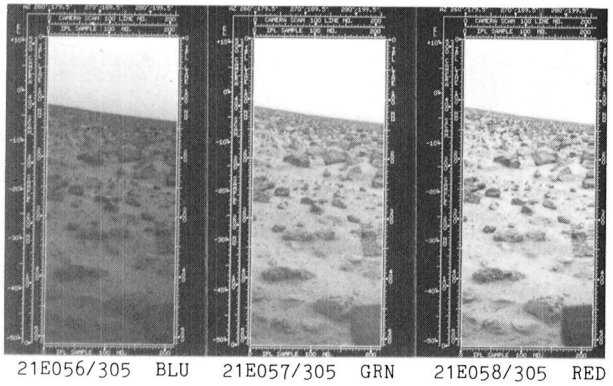
21E052/305 BB2 22E053/305 SUN



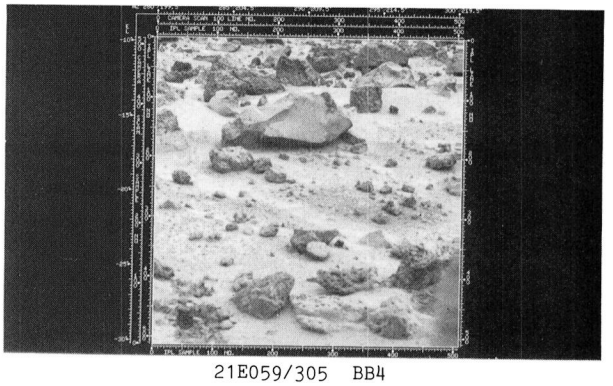
21E054/305 BB4



22E055/305 BB4

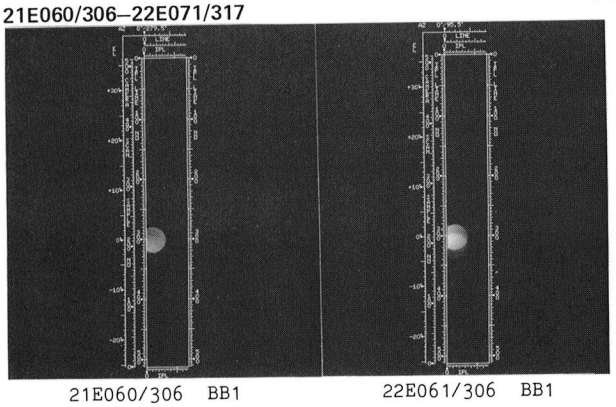


21E056/305 BLU 21E057/305 GRN 21E058/305 RED

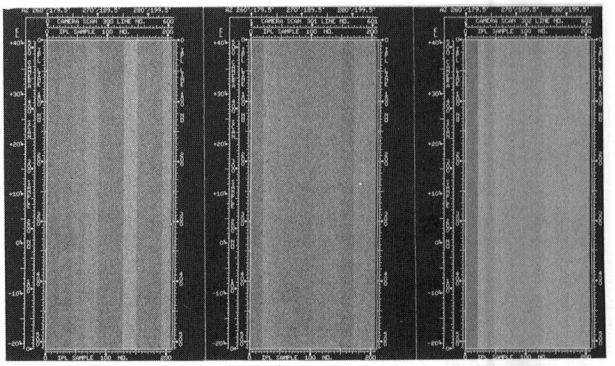


21E059/305 BB4

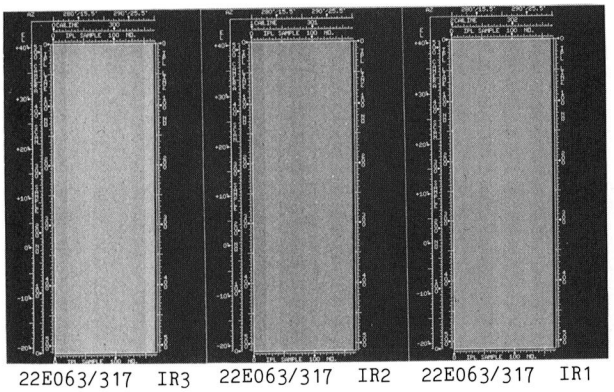
21E060/306–22E071/317



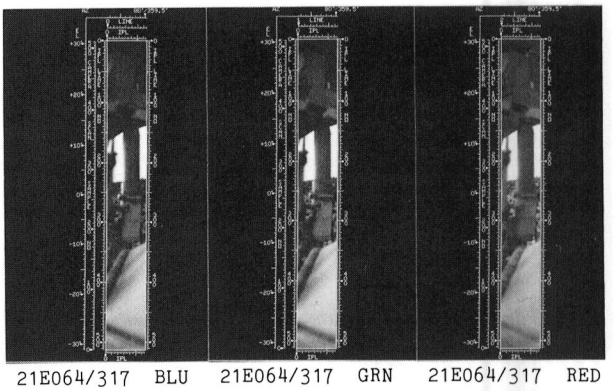
21E060/306 BB1 22E061/306 BB1



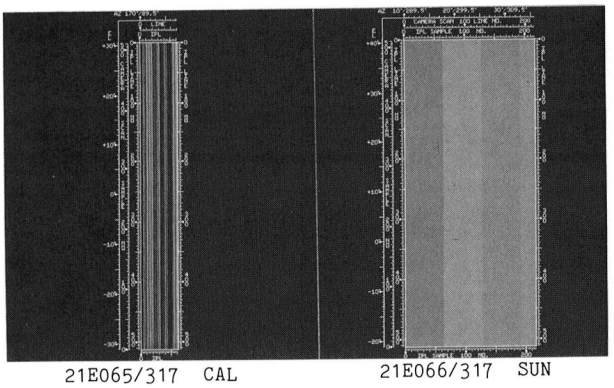
21E062/317 BLU 21E062/317 GRN 21E062/317 RED



22E063/317 IR3 22E063/317 IR2 22E063/317 IR1



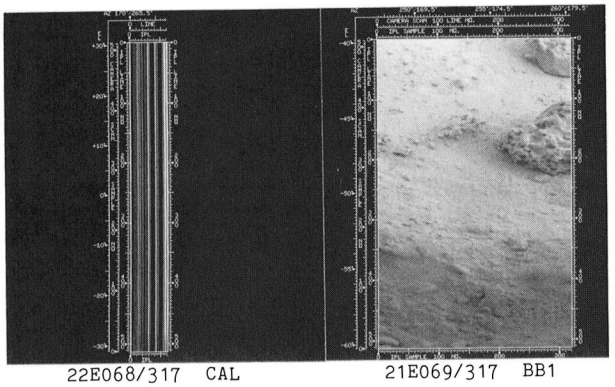
21E064/317 BLU 21E064/317 GRN 21E064/317 RED



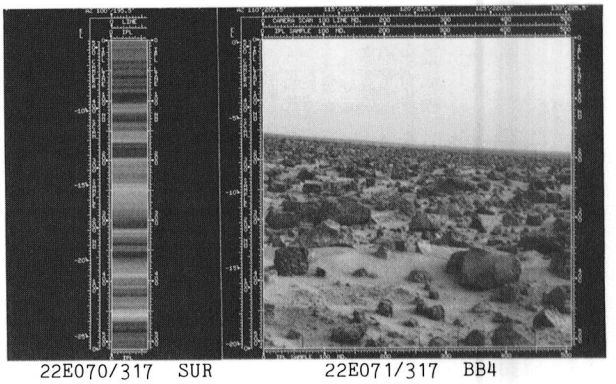
21E065/317 CAL 21E066/317 SUN



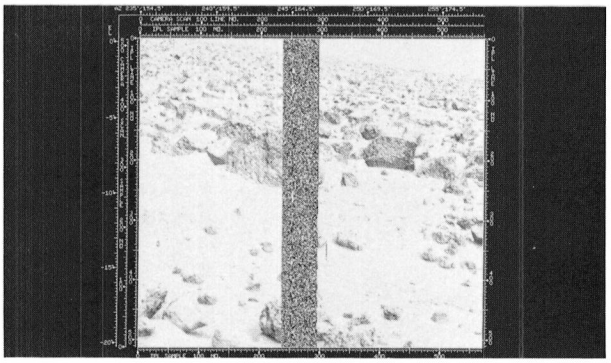
22E067/317 BB4



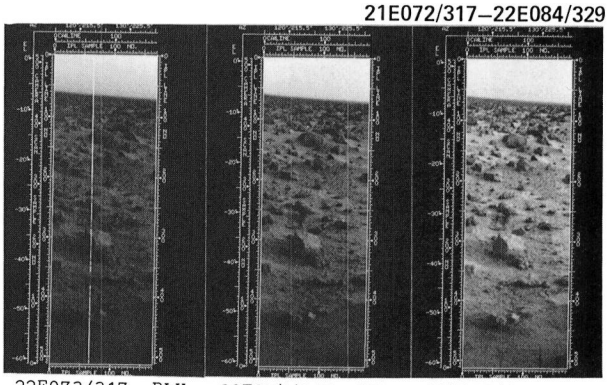
22E068/317 CAL 21E069/317 BB1



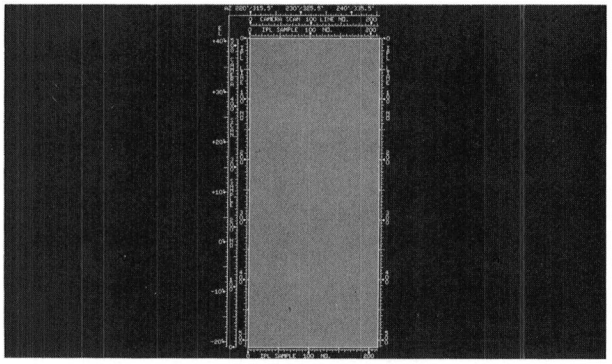
22E070/317 SUR 22E071/317 BB4



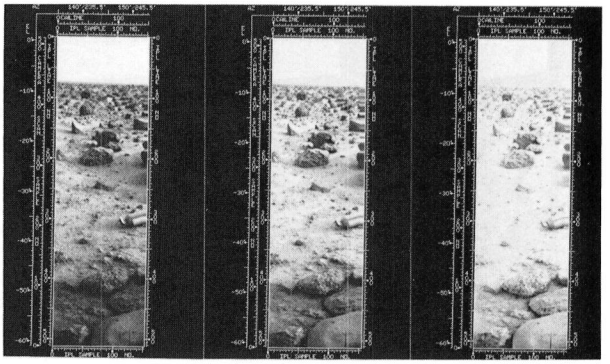
21E072/317 BB4



22E073/317 BLU 22E074/317 GRN 22E075/317 RED



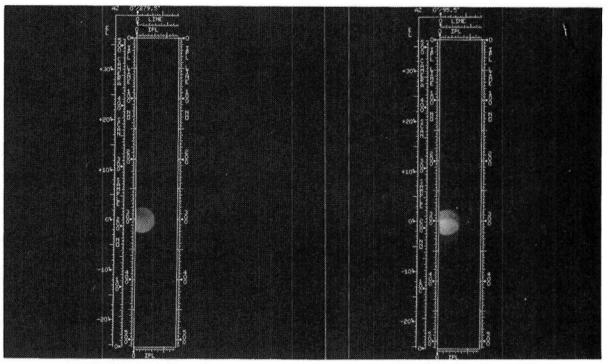
22E076/317 SUN



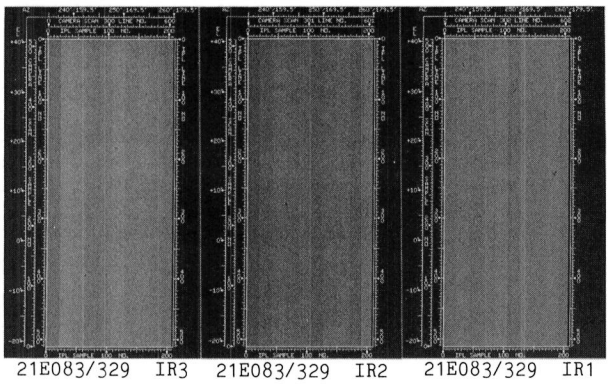
22E077/317 BLU 22E078/317 GRN 22E079/317 RED



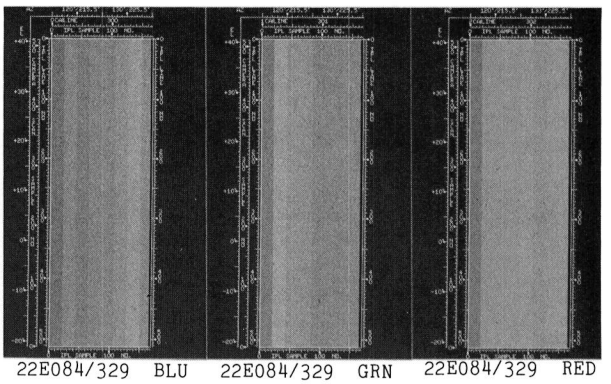
21E080/317 BB4



21E081/318 BB1 22E082/318 BB1

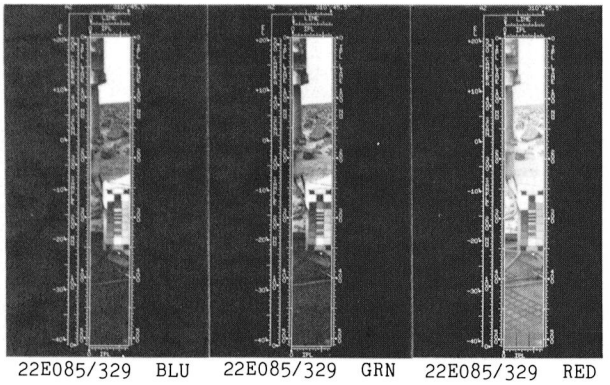


21E083/329 IR3 21E083/329 IR2 21E083/329 IR1

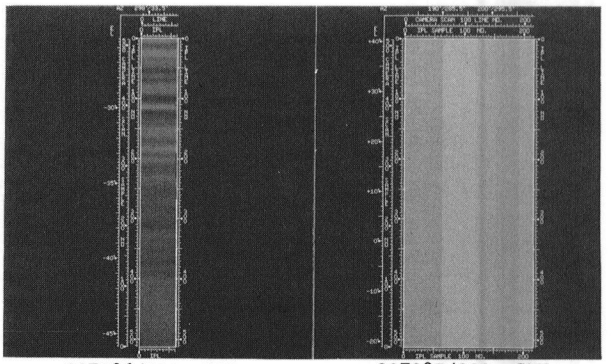


22E084/329 BLU 22E084/329 GRN 22E084/329 RED

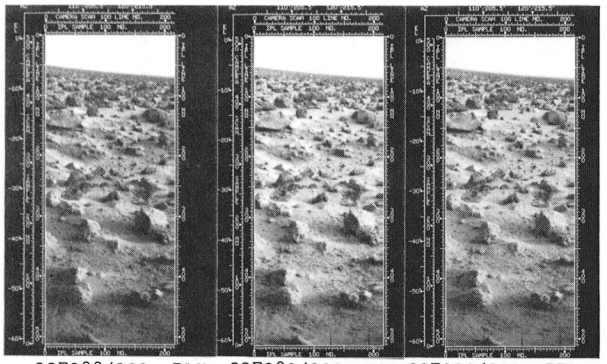
22E085/329–22E098/329



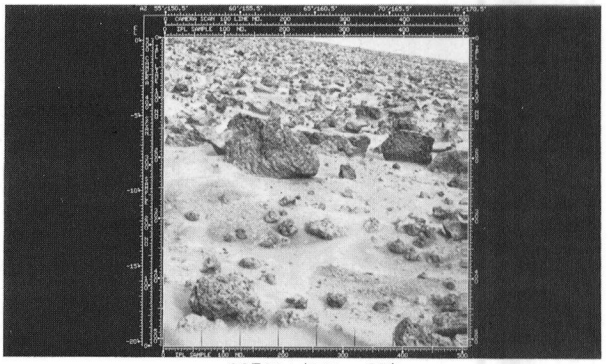
22E085/329 BLU 22E085/329 GRN 22E085/329 RED



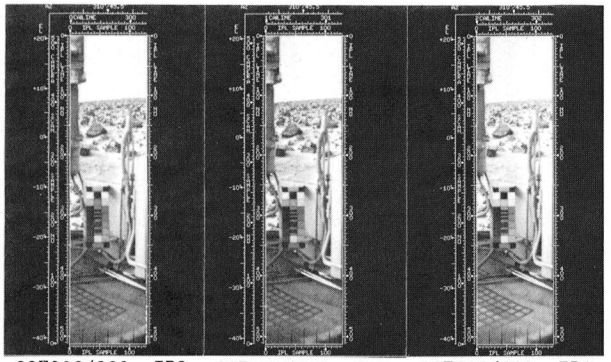
22E086/329 SUR 22E087/329 SUN



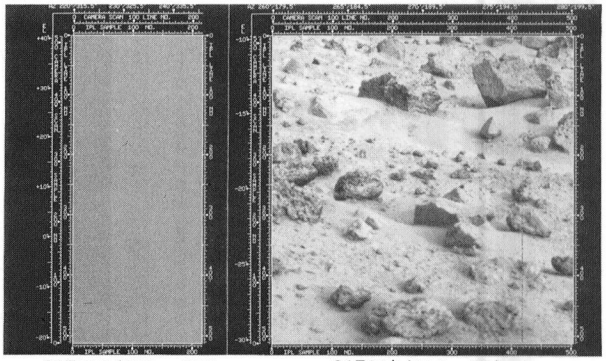
22E088/329 BLU 22E089/329 GRN 22E090/329 RED



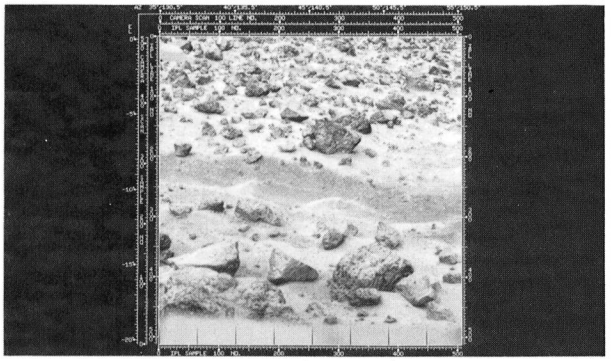
22E091/329 BB4



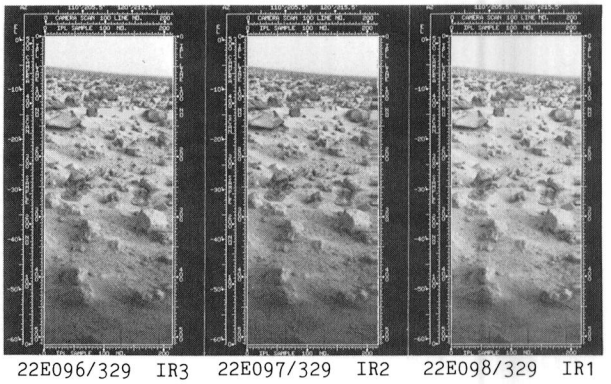
22E092/329 IR3 22E092/329 IR2 22E092/329 IR1



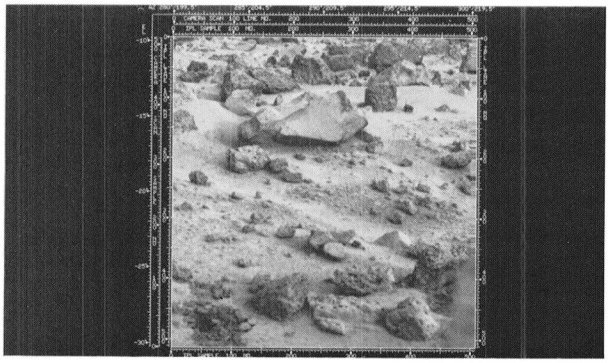
22E093/329 SUN 21E094/329 BB4



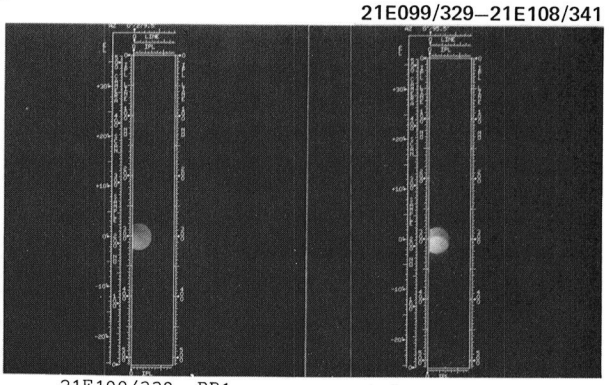
22E095/329 BB4



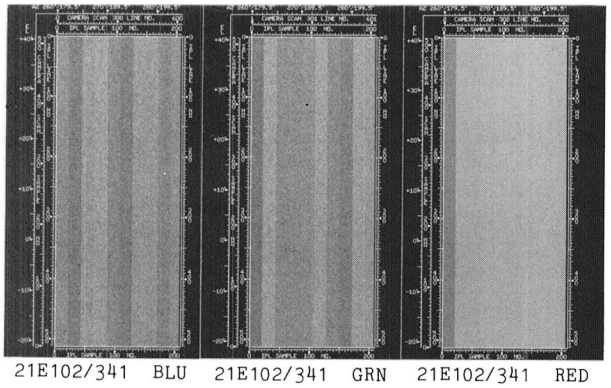
22E096/329 IR3 22E097/329 IR2 22E098/329 IR1



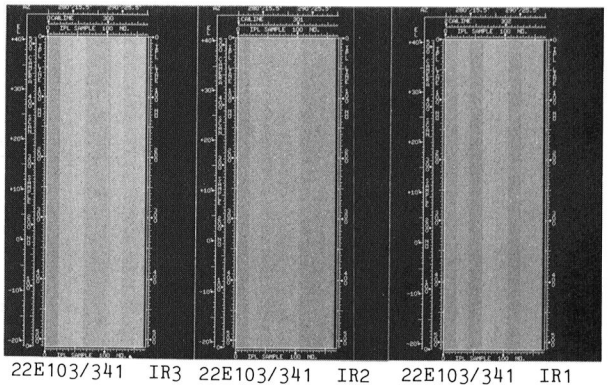
21E099/329 BB4



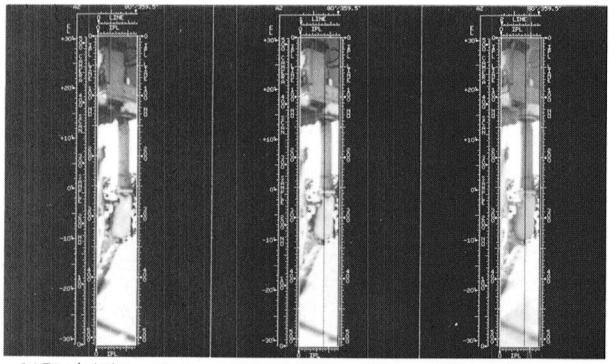
21E100/330 BB1 22E101/330 BB1



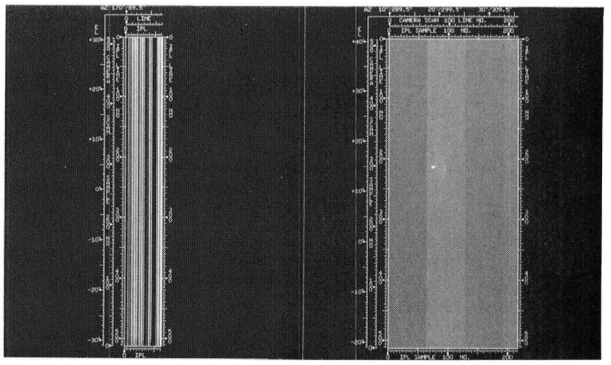
21E102/341 BLU 21E102/341 GRN 21E102/341 RED



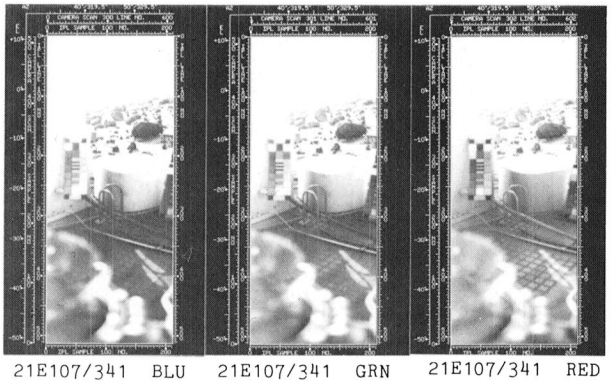
22E103/341 IR3 22E103/341 IR2 22E103/341 IR1



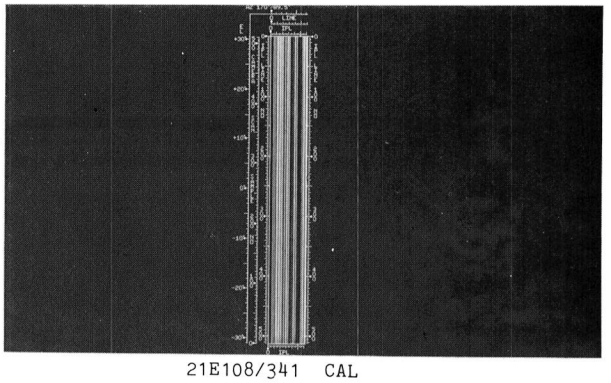
21E104/341 BLU 21E104/341 GRN 21E104/341 RED



21E105/341 CAL 21E106/341 SUN

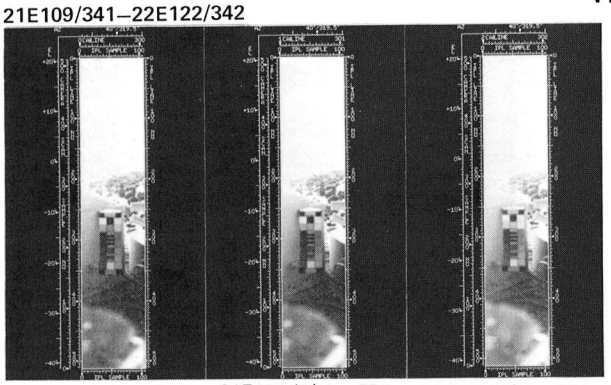


21E107/341 BLU 21E107/341 GRN 21E107/341 RED

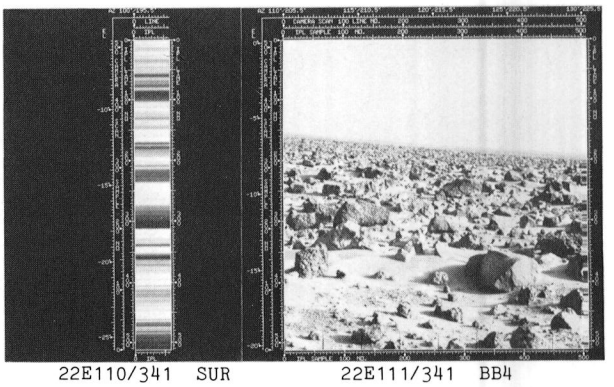


21E108/341 CAL

21E109/341–22E122/342



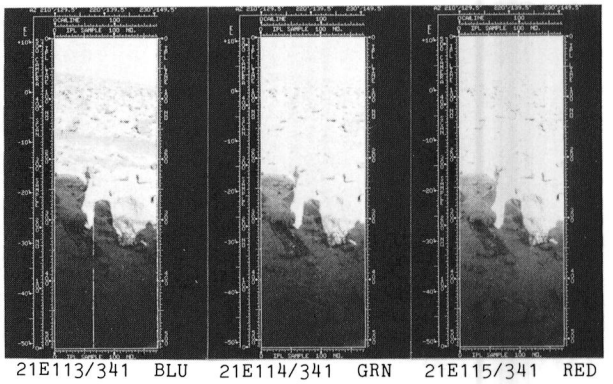
21E109/341 IR3 21E109/341 IR2 21E109/341 IR1



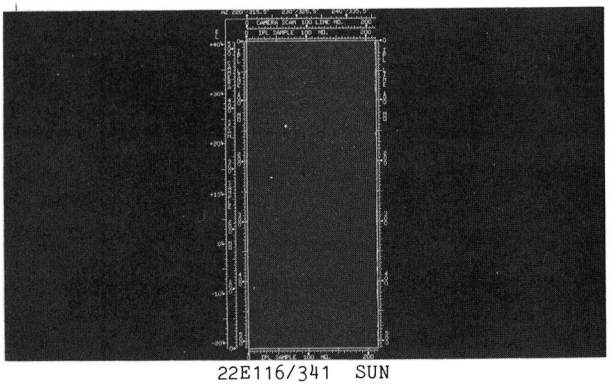
22E110/341 SUR 22E111/341 BB4



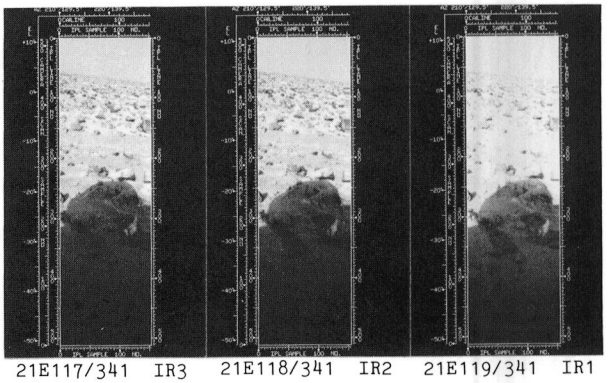
21E112/341 BB4



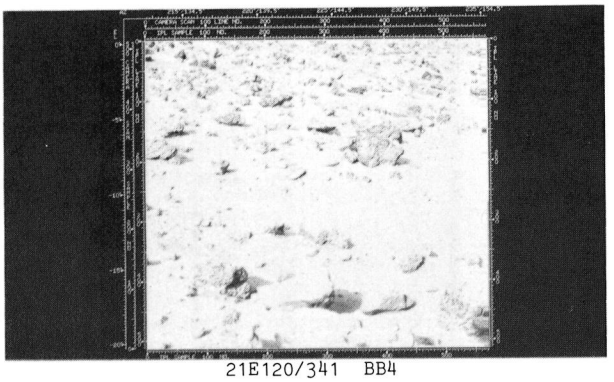
21E113/341 BLU 21E114/341 GRN 21E115/341 RED



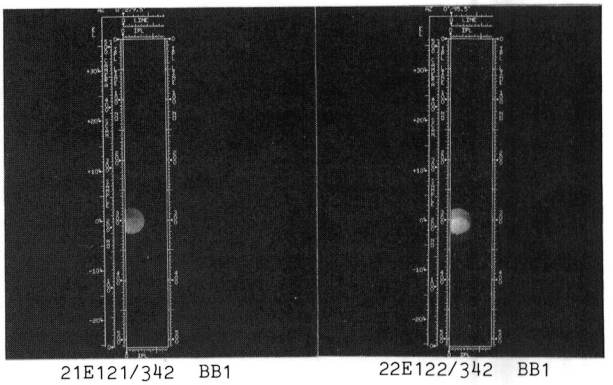
22E116/341 SUN



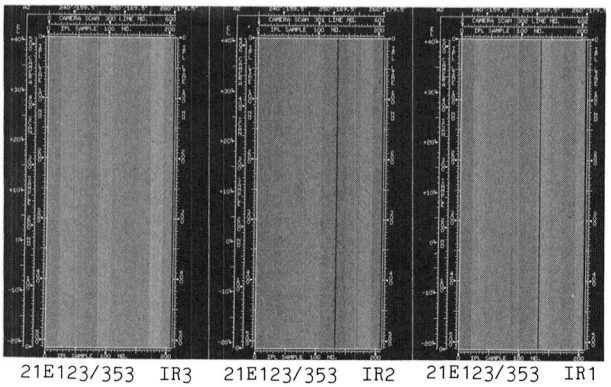
21E117/341 IR3 21E118/341 IR2 21E119/341 IR1



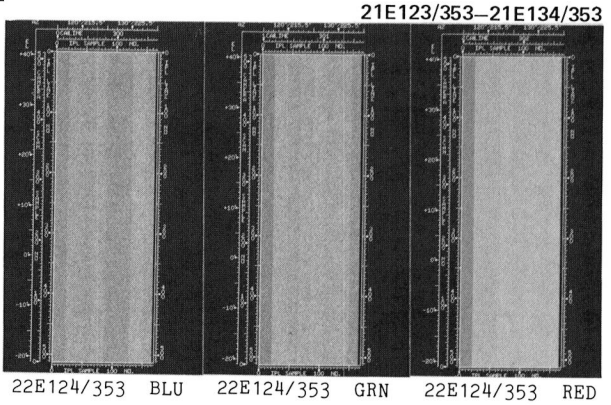
21E120/341 BB4



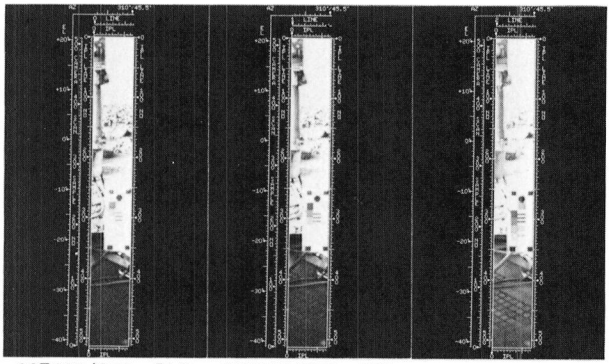
21E121/342 BB1 22E122/342 BB1



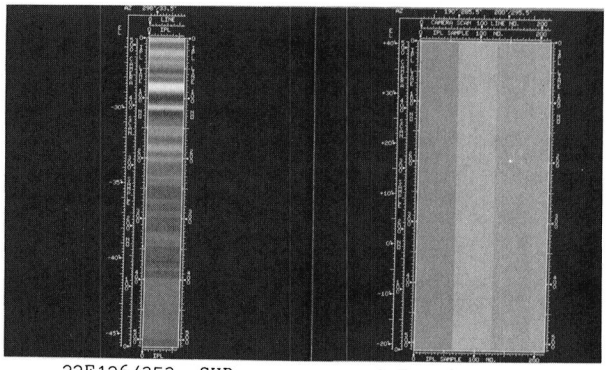
21E123/353 IR3 21E123/353 IR2 21E123/353 IR1



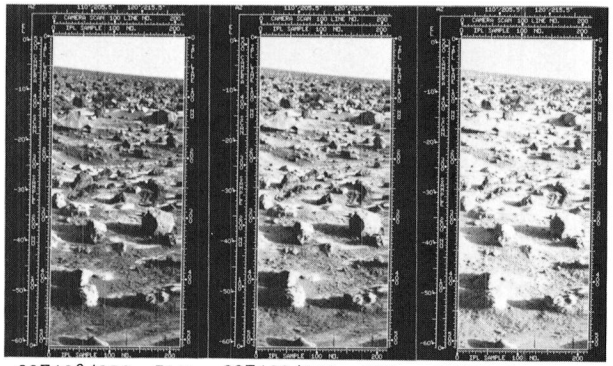
22E124/353 BLU 22E124/353 GRN 22E124/353 RED



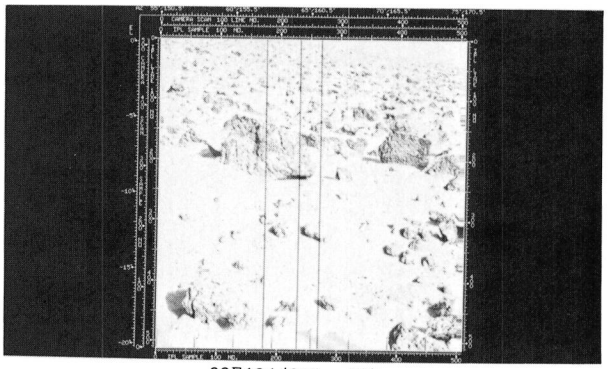
22E125/353 BLU 22E125/353 GRN 22E125/353 RED



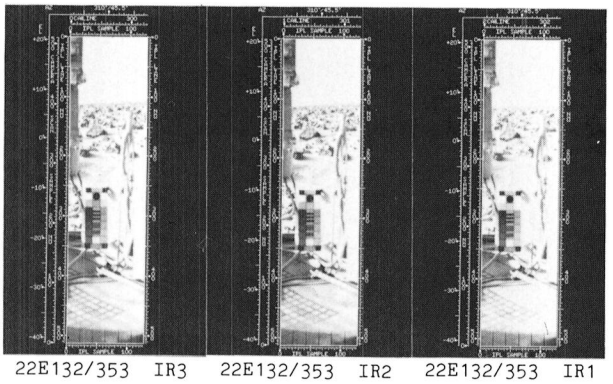
22E126/353 SUR 22E127/353 SUN



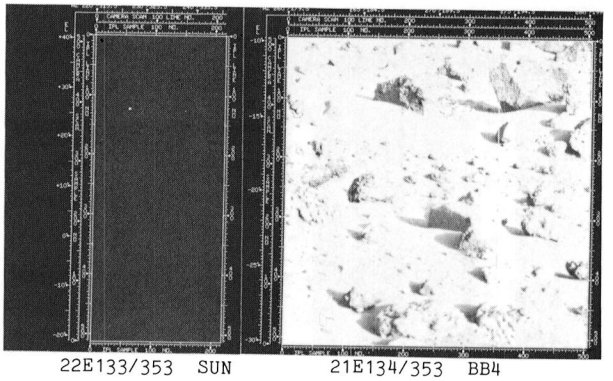
22E128/353 BLU 22E129/353 GRN 22E130/353 RED



22E131/353 BB4

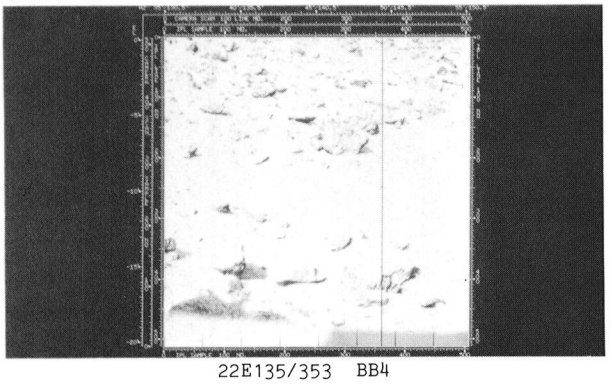


22E132/353 IR3 22E132/353 IR2 22E132/353 IR1

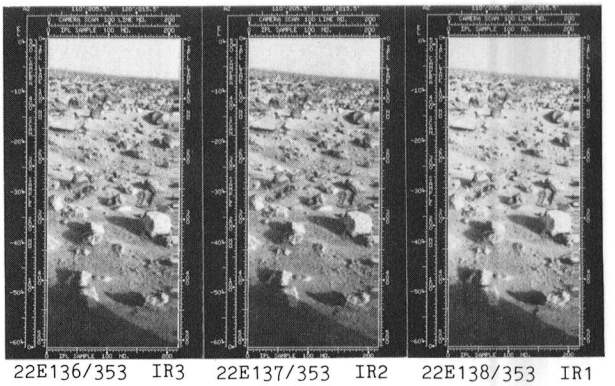


22E133/353 SUN 21E134/353 BB4

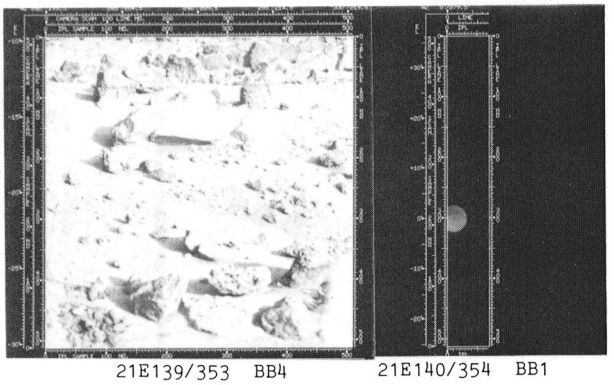
22E135/353–21E146/365



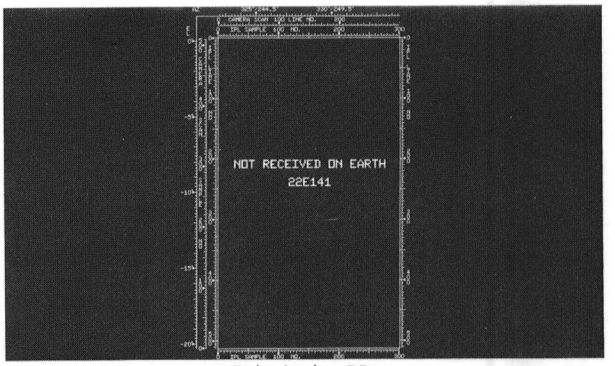
22E135/353 BB4



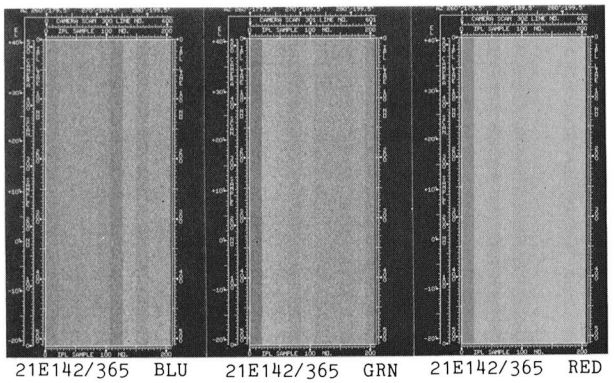
22E136/353 IR3 22E137/353 IR2 22E138/353 IR1



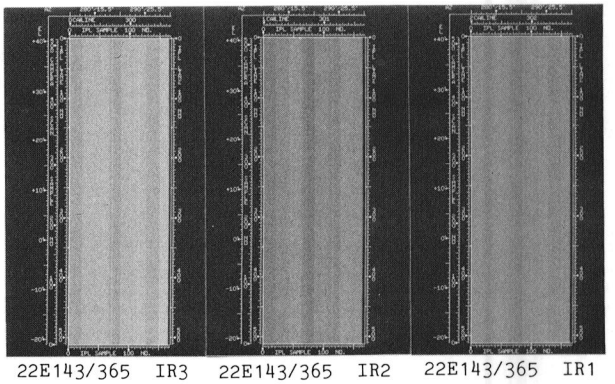
21E139/353 BB4 21E140/354 BB1



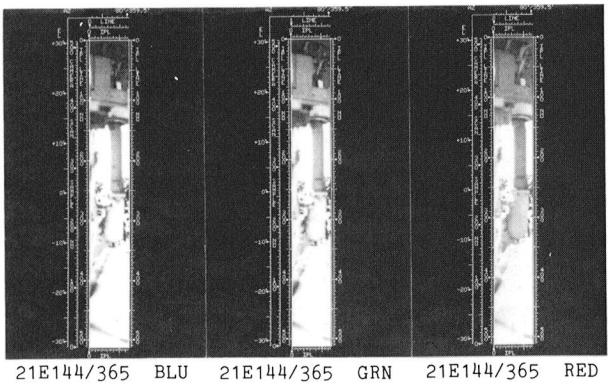
22E141/354 BB1



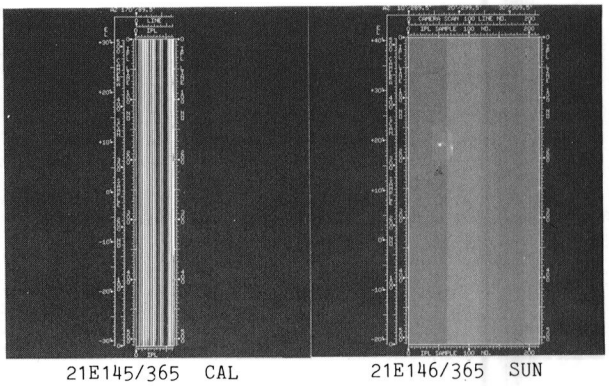
21E142/365 BLU 21E142/365 GRN 21E142/365 RED



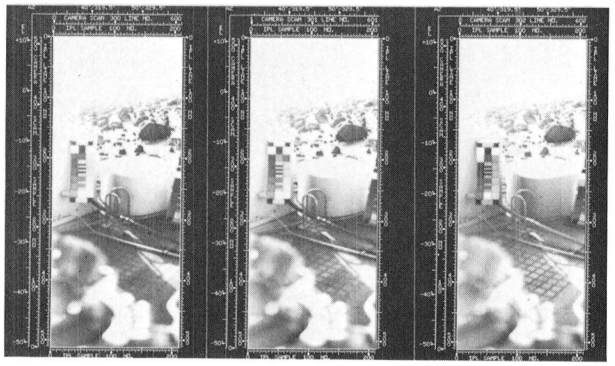
22E143/365 IR3 22E143/365 IR2 22E143/365 IR1



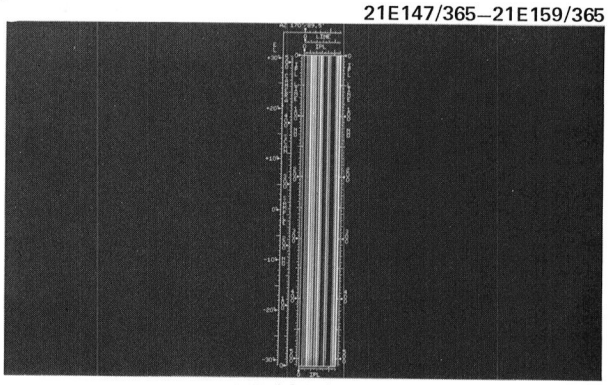
21E144/365 BLU 21E144/365 GRN 21E144/365 RED



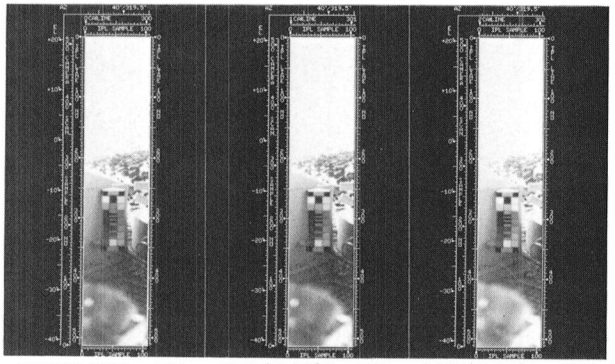
21E145/365 CAL 21E146/365 SUN



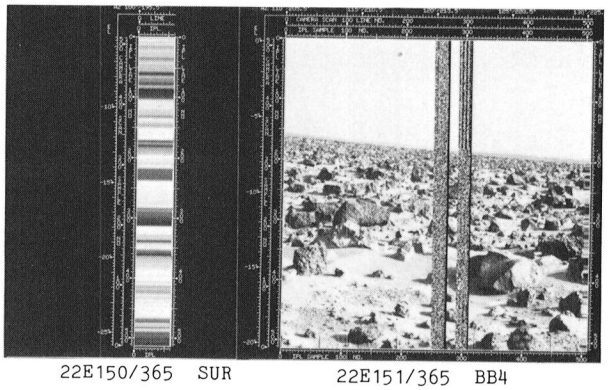
21E147/365 BLU 21E147/365 GRN 21E147/365 RED



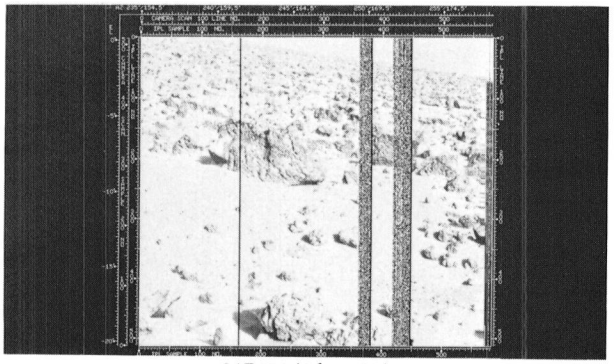
21E148/365 CAL



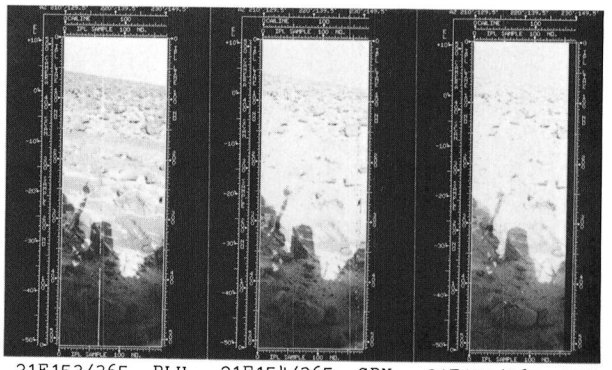
21E149/365 IR3 21E149/365 IR2 21E149/365 IR1



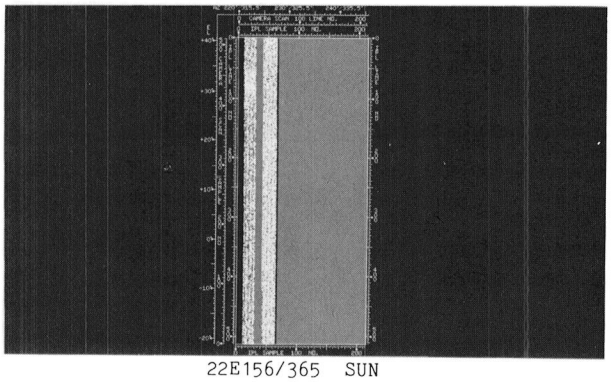
22E150/365 SUR 22E151/365 BB4



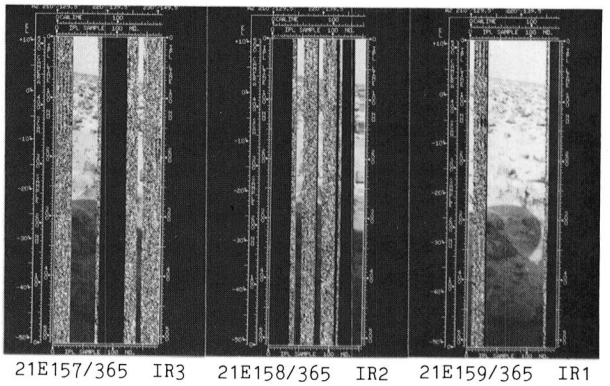
21E152/365 BB4



21E153/365 BLU 21E154/365 GRN 21E155/365 RED

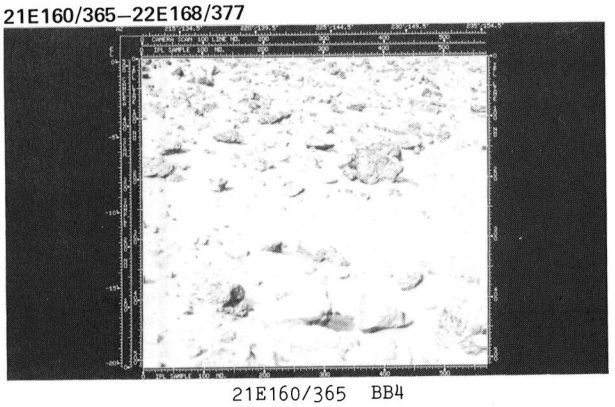


22E156/365 SUN

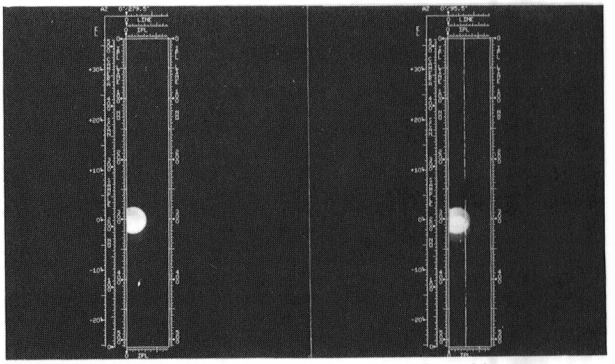


21E157/365 IR3 21E158/365 IR2 21E159/365 IR1

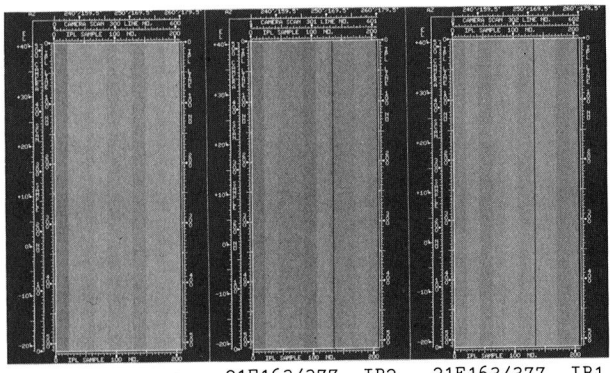
21E160/365–22E168/377



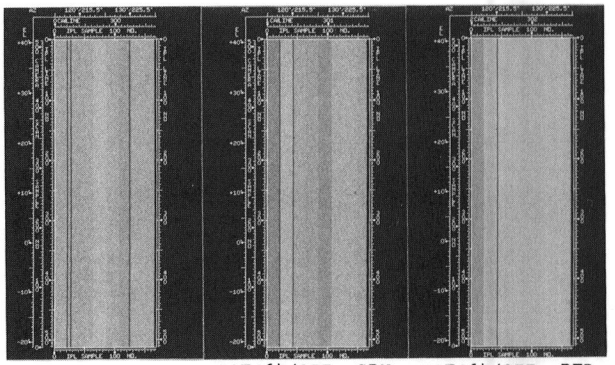
21E160/365 BB4



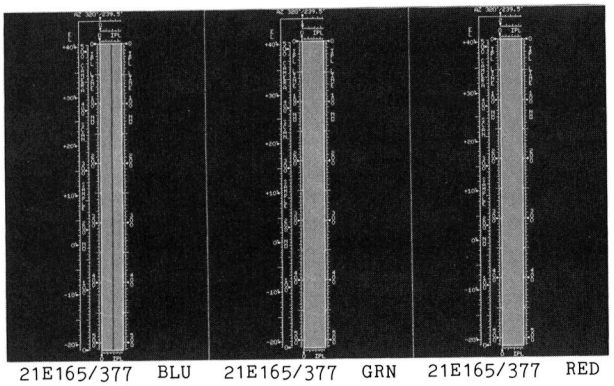
21E161/366 BB1 22E162/366 BB1



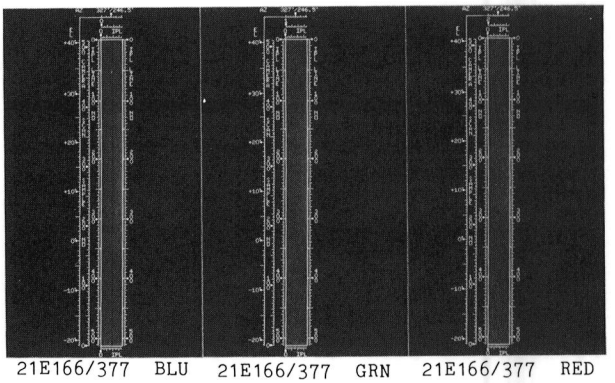
21E163/377 IR3 21E163/377 IR2 21E163/377 IR1



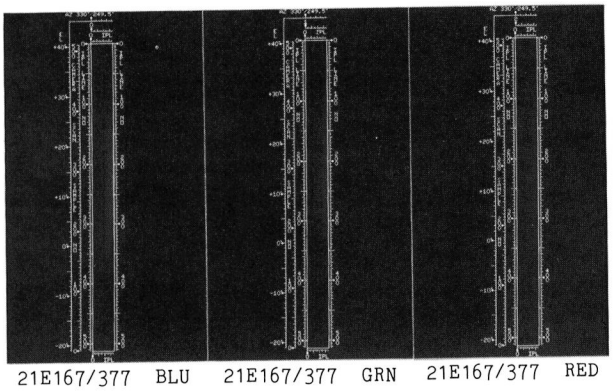
22E164/377 BLU 22E164/377 GRN 22E164/377 RED



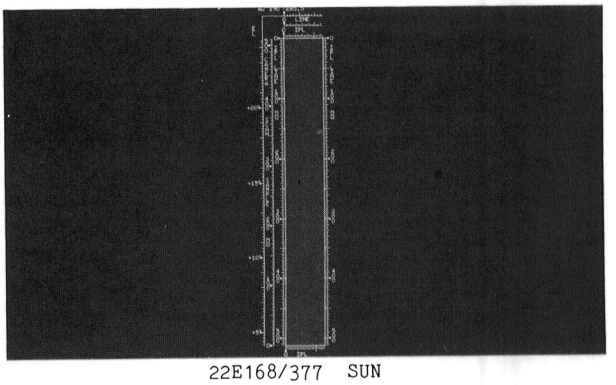
21E165/377 BLU 21E165/377 GRN 21E165/377 RED



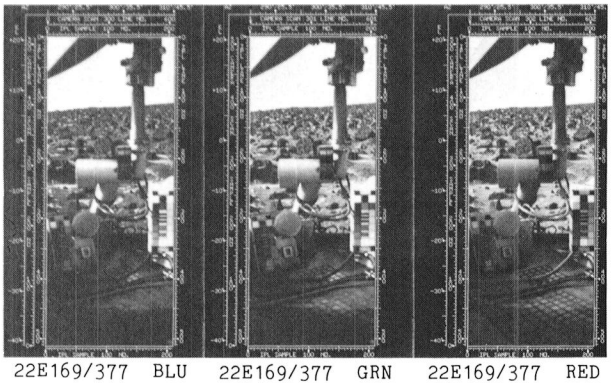
21E166/377 BLU 21E166/377 GRN 21E166/377 RED



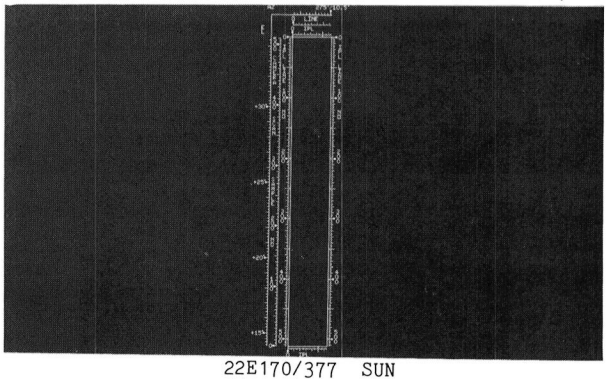
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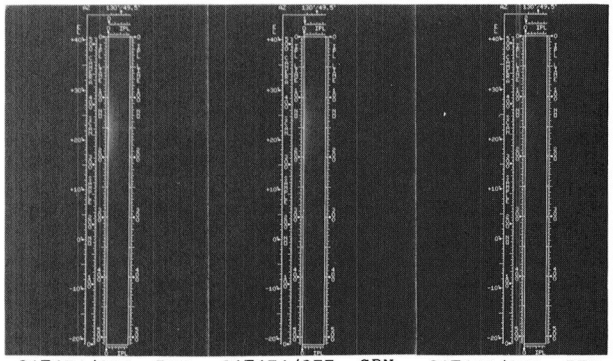
22E168/377 SUN



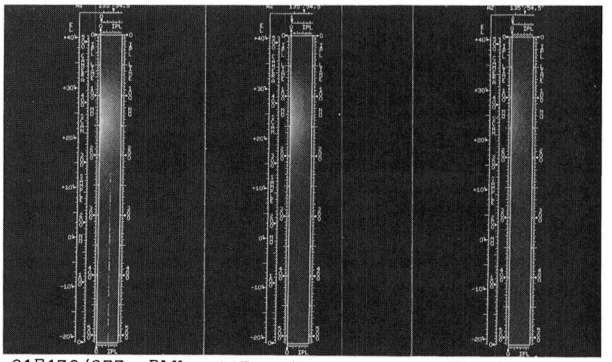
22E169/377 BLU 22E169/377 GRN 22E169/377 RED



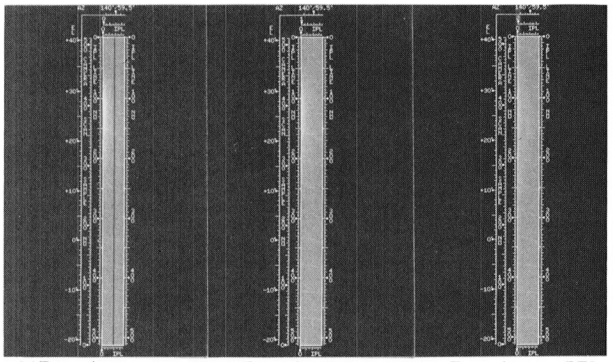
22E170/377 SUN



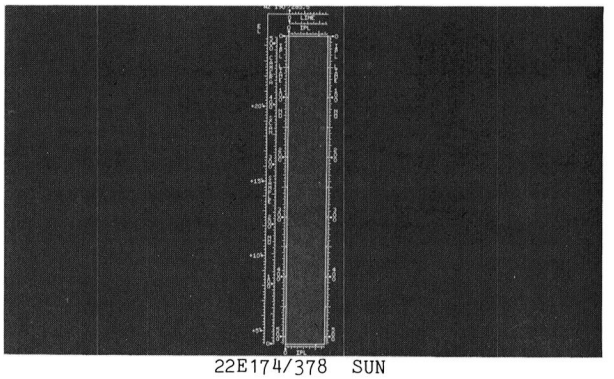
21E171/377 BLU 21E171/377 GRN 21E171/377 RED



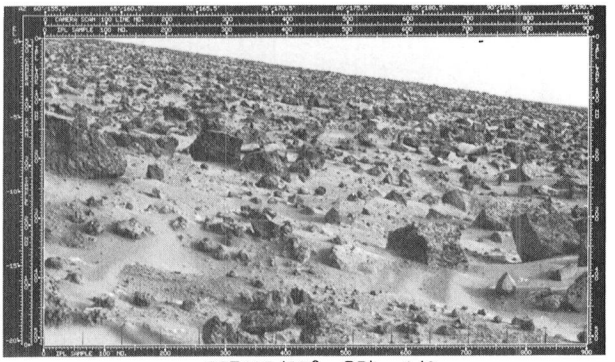
21E172/377 BLU 21E172/377 GRN 21E172/377 RED



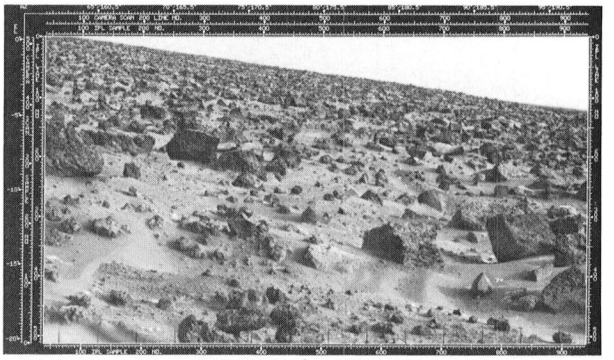
21E173/377 BLU 21E173/377 GRN 21E173/377 RED



22E174/378 SUN

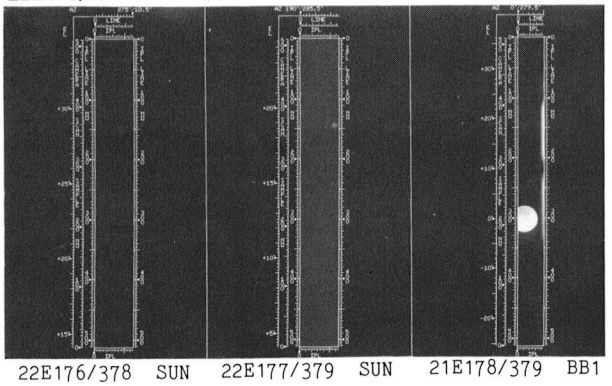


22E175/378 BB4 1/2

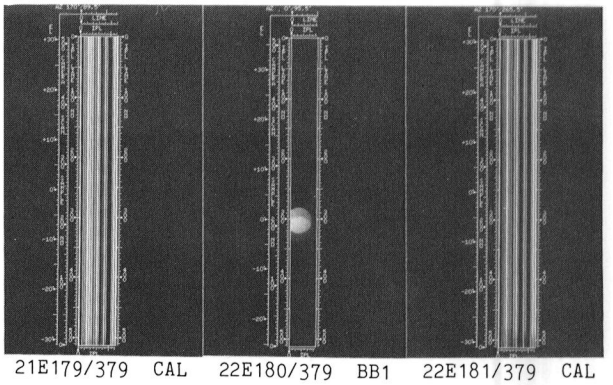


22E175/378 BB4 2/2

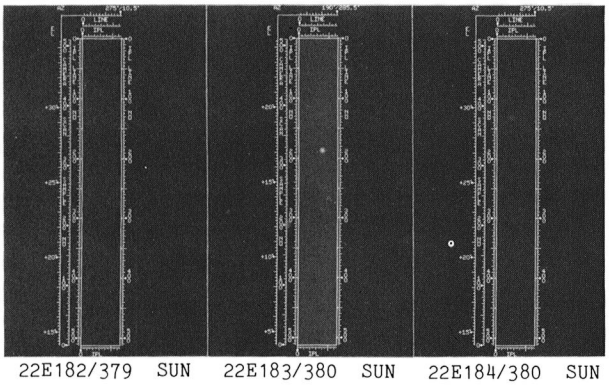
22E176/378–22E190/382



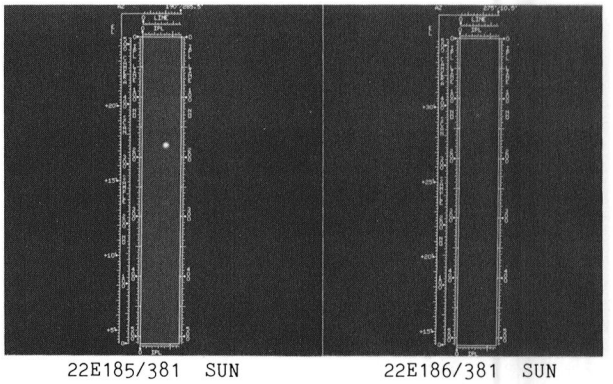
22E176/378 SUN 22E177/379 SUN 21E178/379 BB1



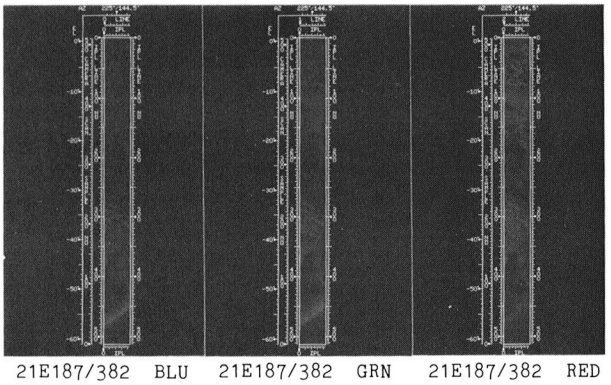
21E179/379 CAL 22E180/379 BB1 22E181/379 CAL



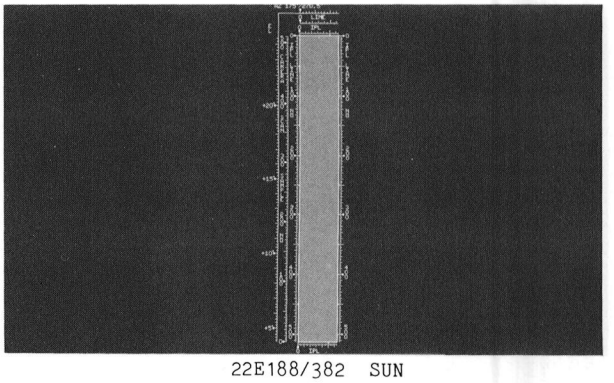
22E182/379 SUN 22E183/380 SUN 22E184/380 SUN



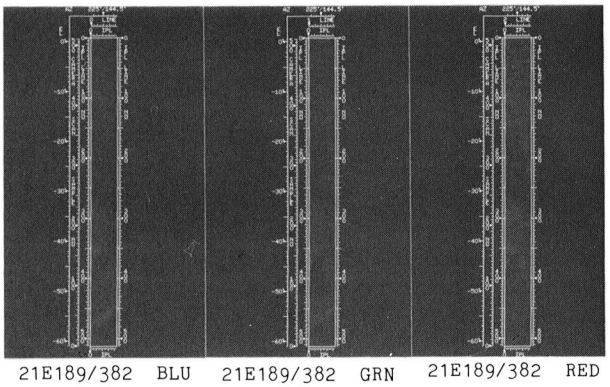
22E185/381 SUN 22E186/381 SUN



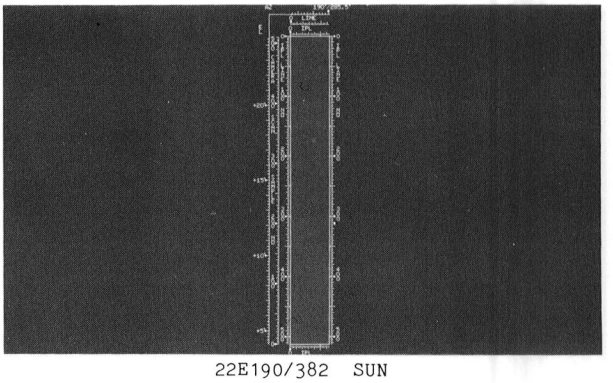
21E187/382 BLU 21E187/382 GRN 21E187/382 RED



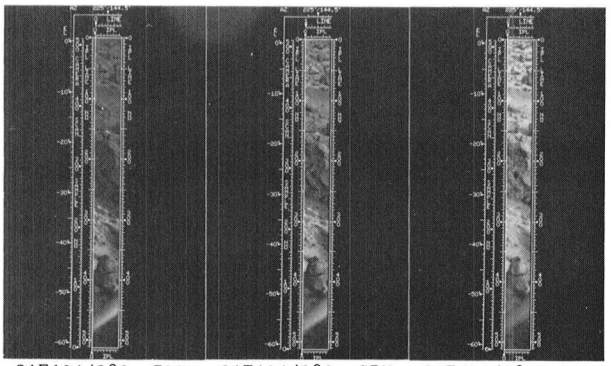
22E188/382 SUN



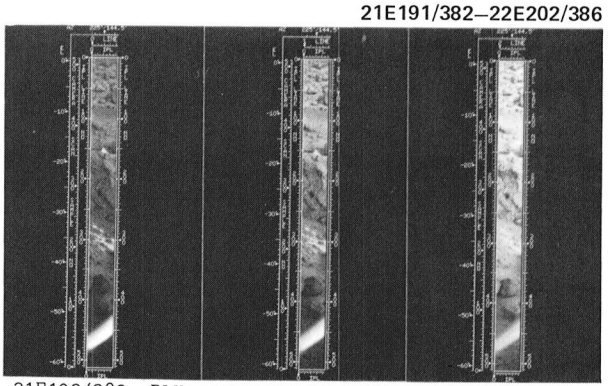
21E189/382 BLU 21E189/382 GRN 21E189/382 RED



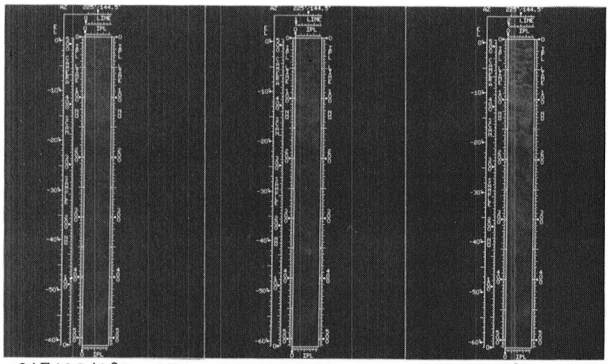
22E190/382 SUN



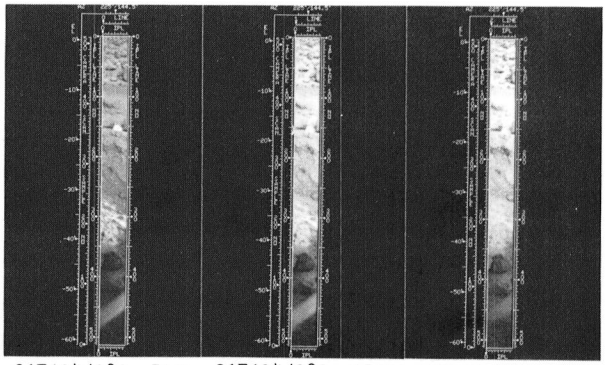
21E191/382 BLU 21E191/382 GRN 21E191/382 RED



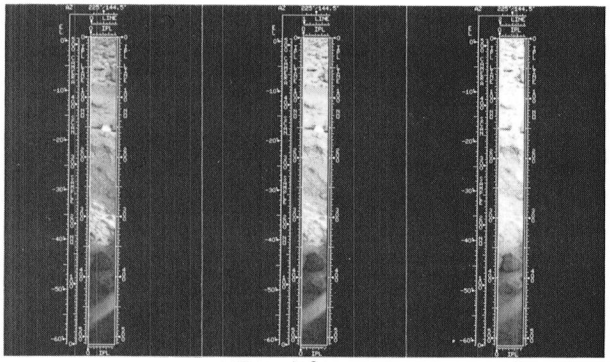
21E192/382 BLU 21E192/382 GRN 21E192/382 RED



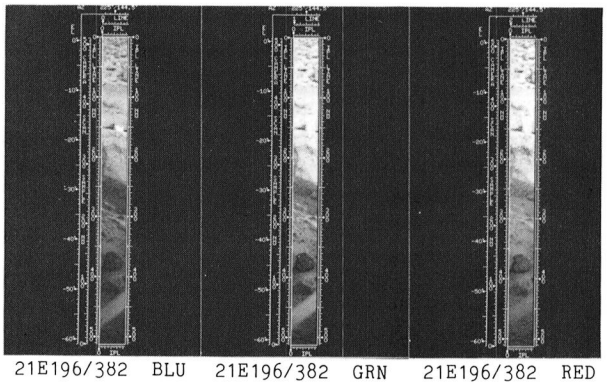
21E193/382 IR3 21E193/382 IR2 21E193/382 IR1



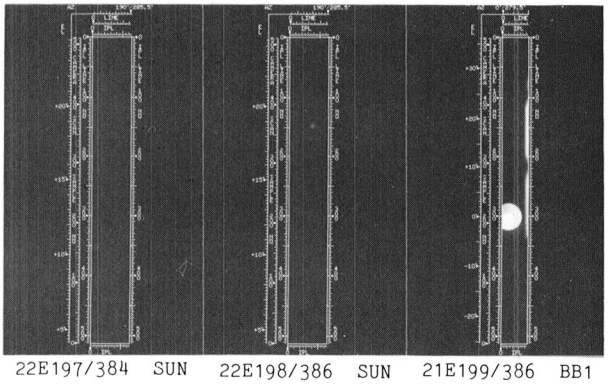
21E194/382 BLU 21E194/382 GRN 21E194/382 RED



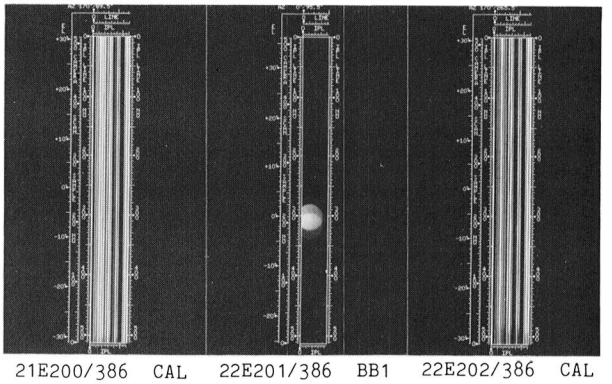
21E195/382 BLU 21E195/382 GRN 21E195/382 RED



21E196/382 BLU 21E196/382 GRN 21E196/382 RED

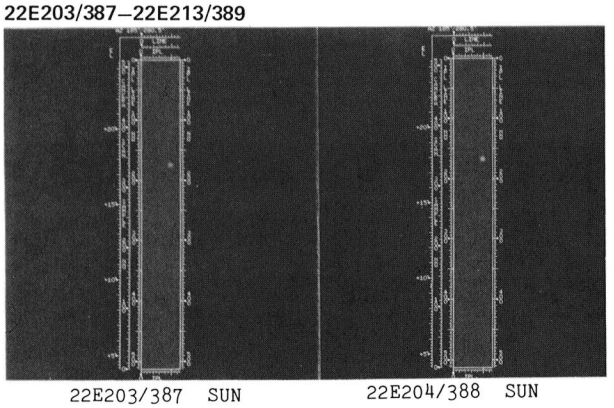


22E197/384 SUN 22E198/386 SUN 21E199/386 BB1

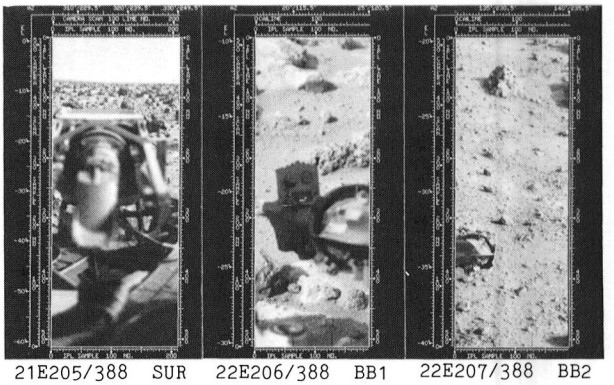


21E200/386 CAL 22E201/386 BB1 22E202/386 CAL

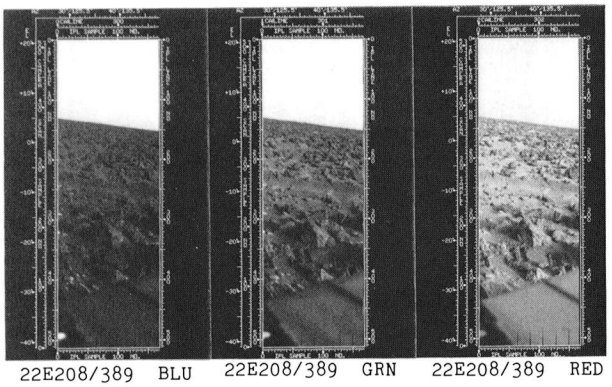
22E203/387—22E213/389



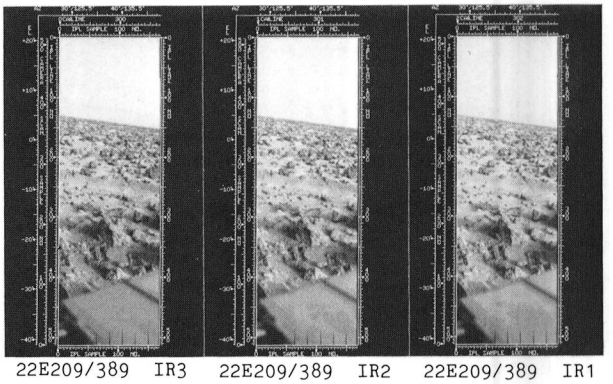
22E203/387 SUN 22E204/388 SUN



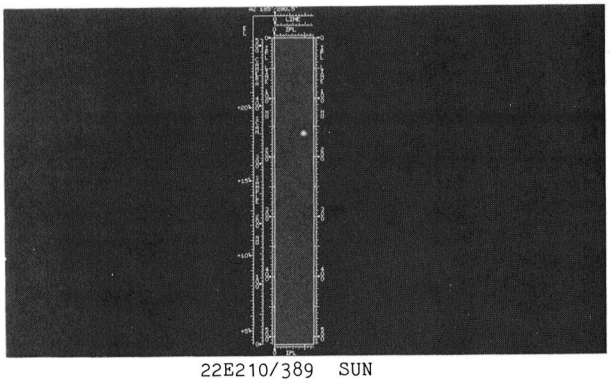
21E205/388 SUR 22E206/388 BB1 22E207/388 BB2



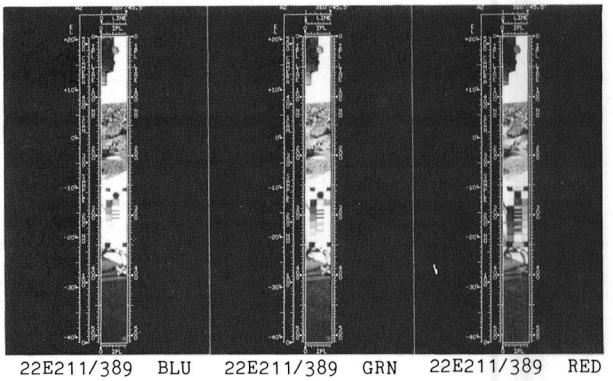
22E208/389 BLU 22E208/389 GRN 22E208/389 RED



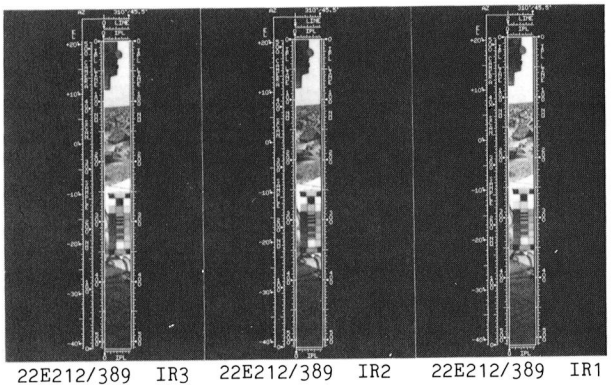
22E209/389 IR3 22E209/389 IR2 22E209/389 IR1



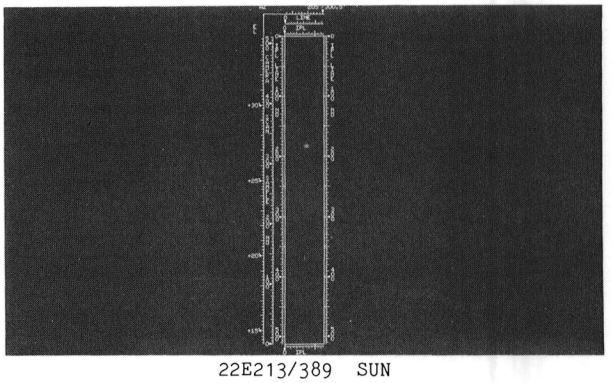
22E210/389 SUN



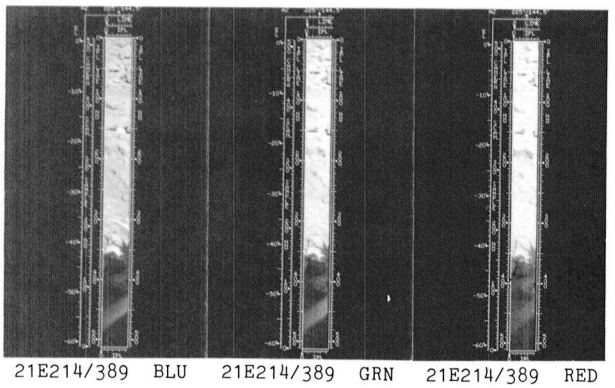
22E211/389 BLU 22E211/389 GRN 22E211/389 RED



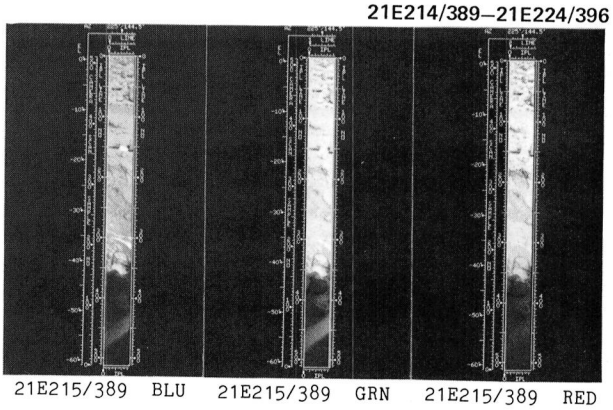
22E212/389 IR3 22E212/389 IR2 22E212/389 IR1



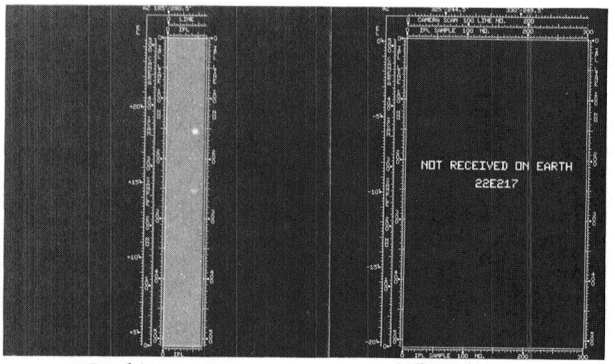
22E213/389 SUN



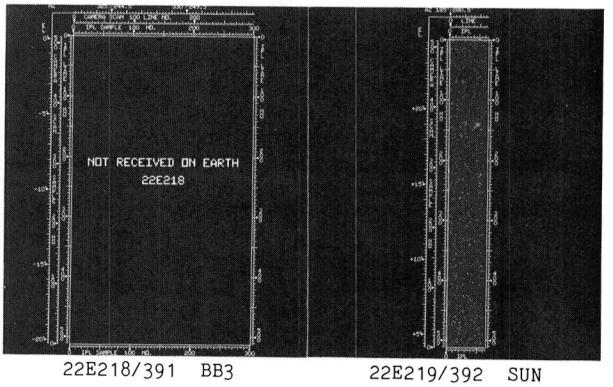
21E214/389 BLU 21E214/389 GRN 21E214/389 RED



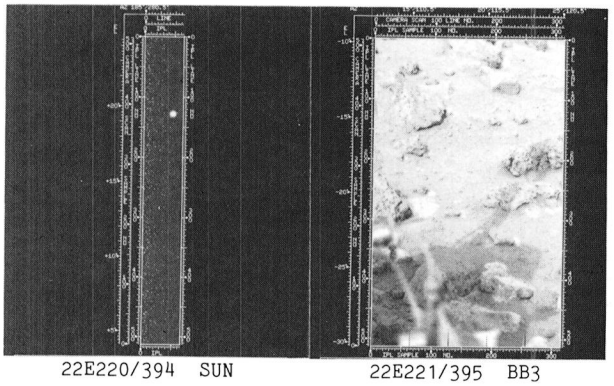
21E215/389 BLU 21E215/389 GRN 21E215/389 RED



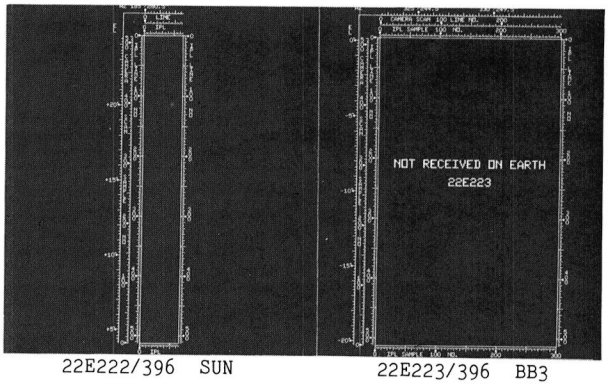
22E216/390 SUN 22E217/390 BB3



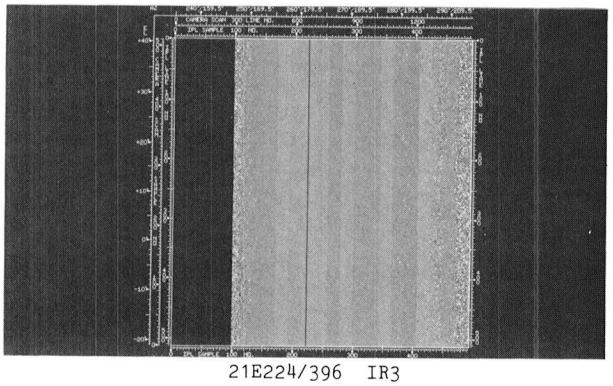
22E218/391 BB3 22E219/392 SUN



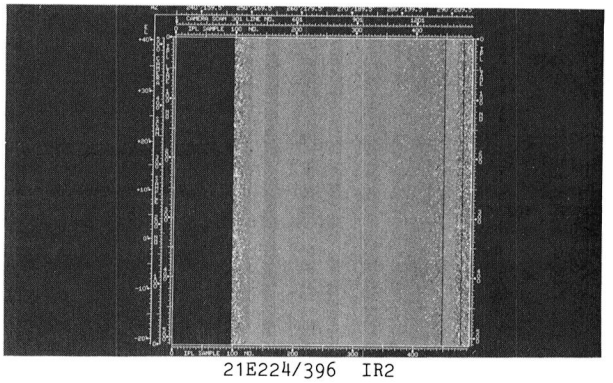
22E220/394 SUN 22E221/395 BB3



22E222/396 SUN 22E223/396 BB3

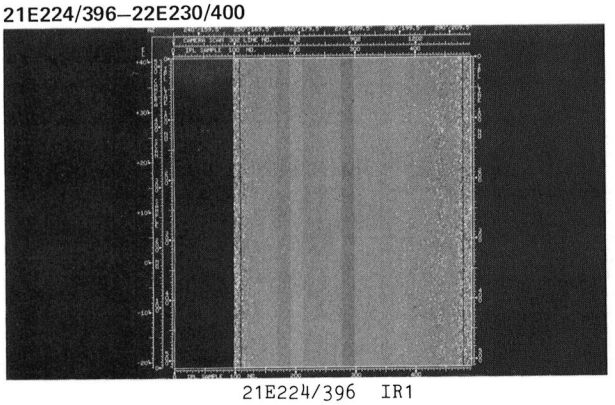


21E224/396 IR3

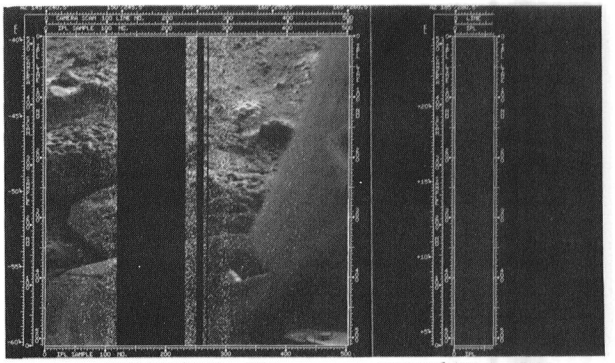


21E224/396 IR2

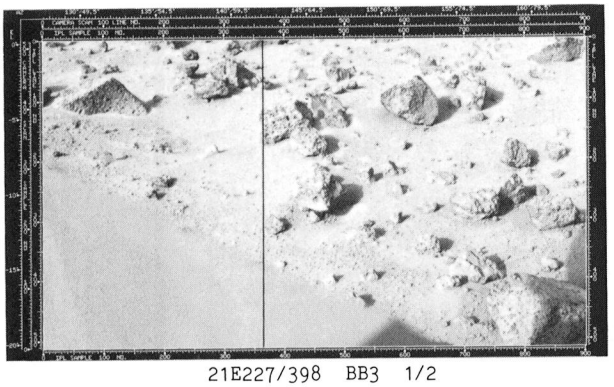
21E224/396–22E230/400



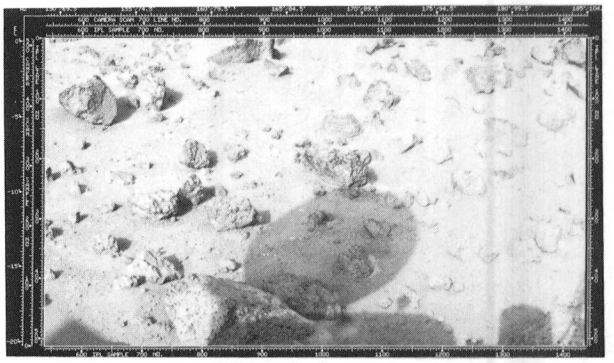
21E224/396 IR1



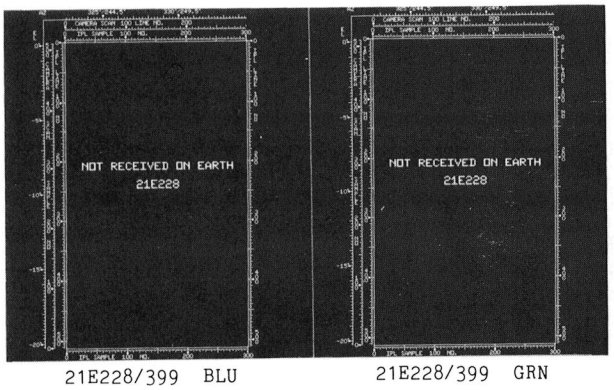
22E225/397 BB1 22E226/397 SUN



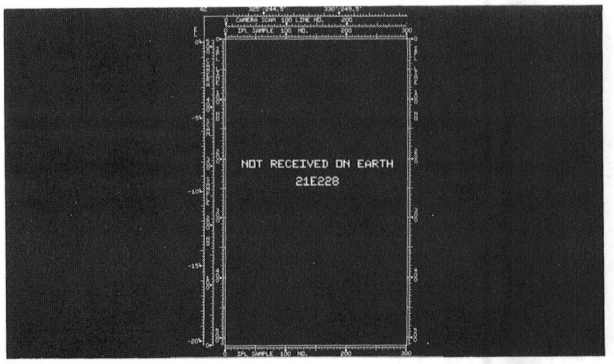
21E227/398 BB3 1/2



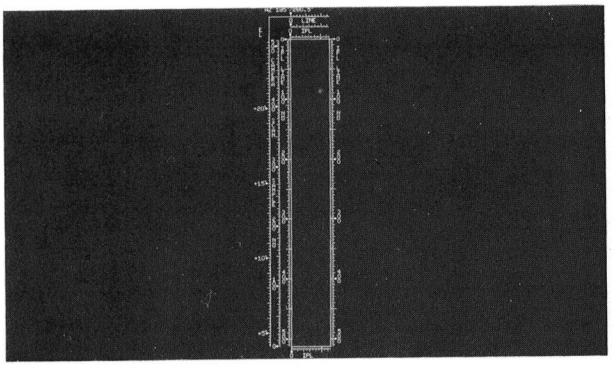
21E227/398 BB3 2/2



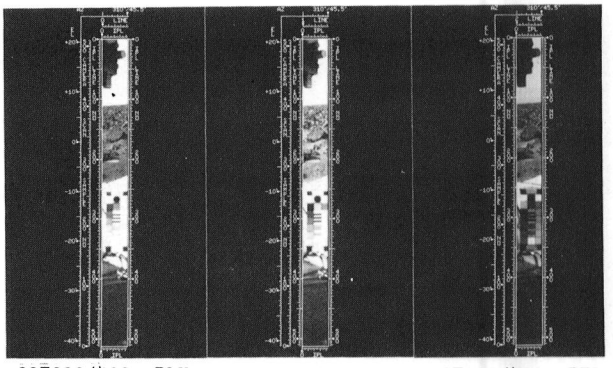
21E228/399 BLU 21E228/399 GRN



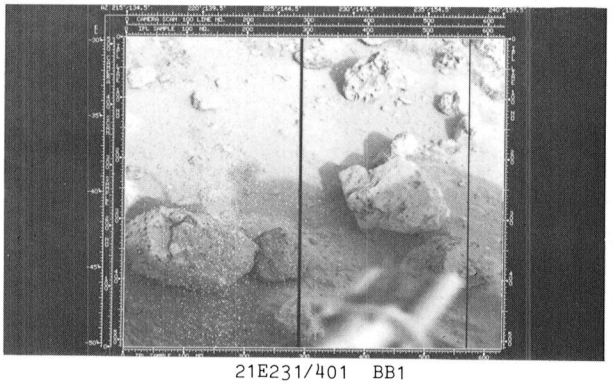
21E228/399 RED



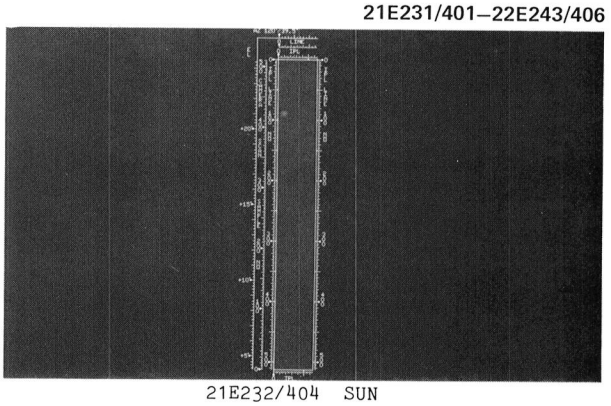
22E229/400 SUN



22E230/400 BLU 22E230/400 GRN 22E230/400 RED



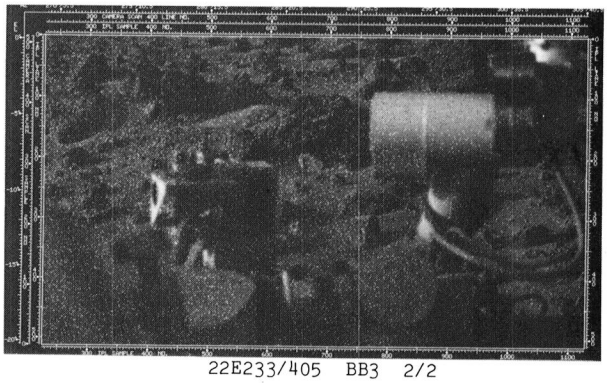
21E231/401 BB1



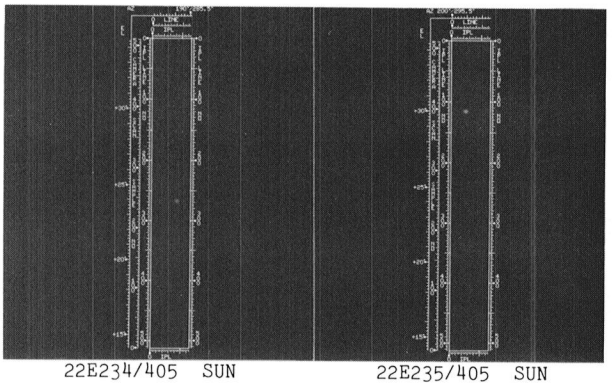
21E232/404 SUN



22E233/405 BB3 1/2

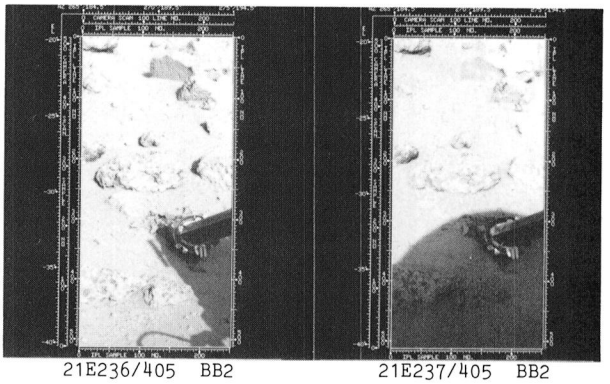


22E233/405 BB3 2/2



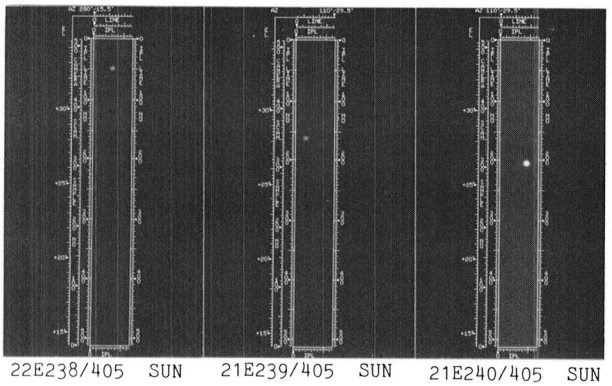
22E234/405 SUN

22E235/405 SUN



21E236/405 BB2

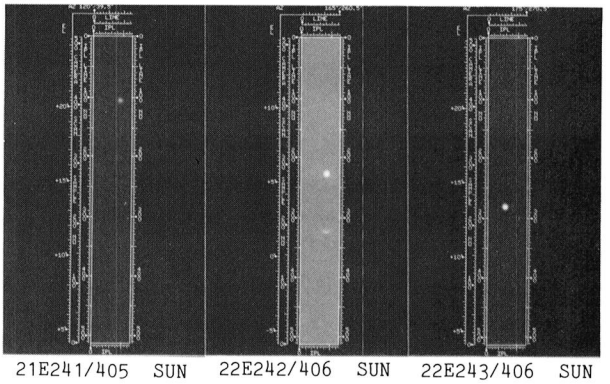
21E237/405 BB2



22E238/405 SUN

21E239/405 SUN

21E240/405 SUN

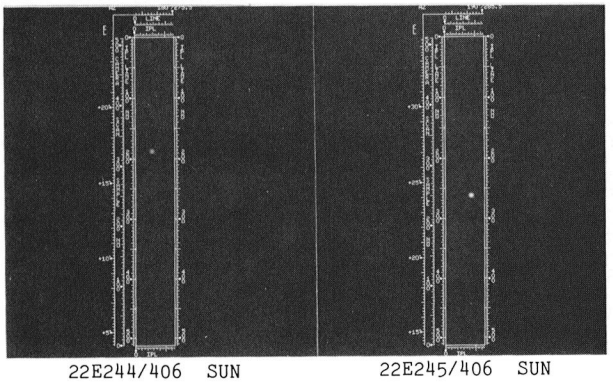


21E241/405 SUN

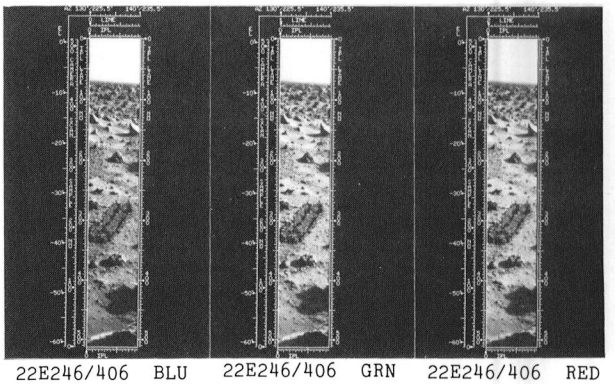
22E242/406 SUN

22E243/406 SUN

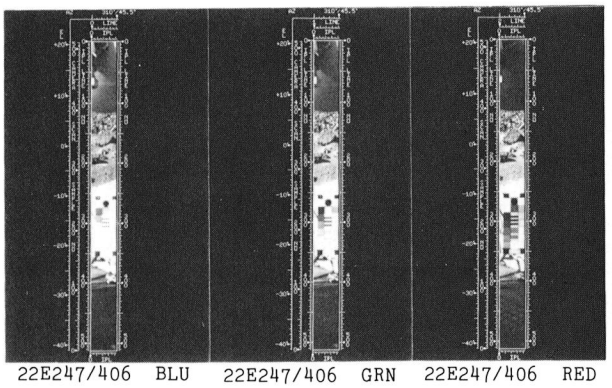
22E244/406–22E252/406



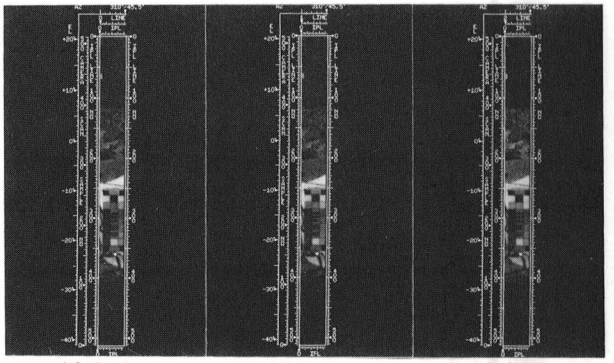
22E244/406 SUN 22E245/406 SUN



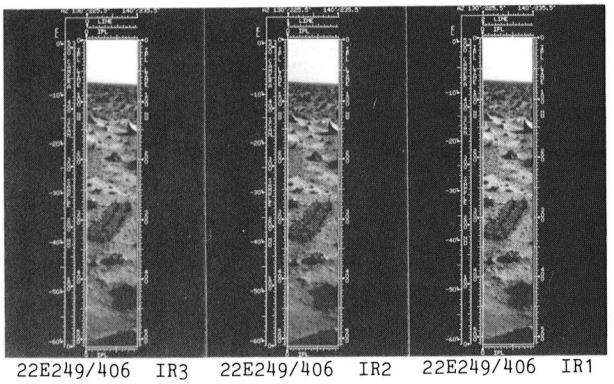
22E246/406 BLU 22E246/406 GRN 22E246/406 RED



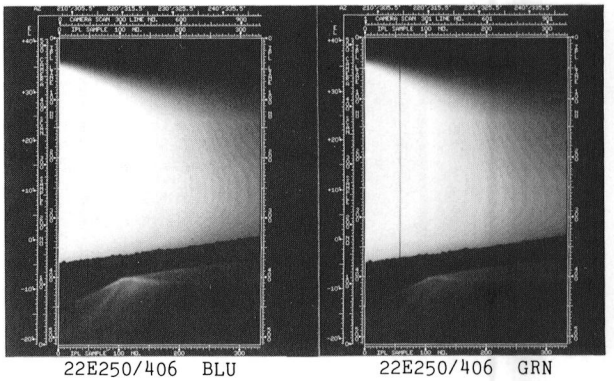
22E247/406 BLU 22E247/406 GRN 22E247/406 RED



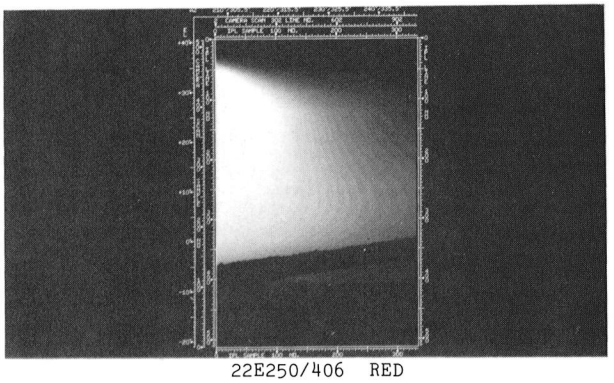
22E248/406 IR3 22E248/406 IR2 22E248/406 IR1



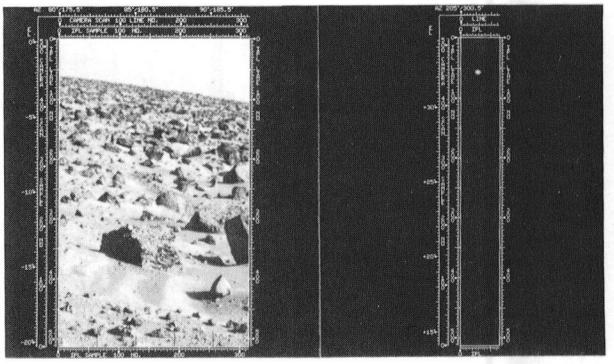
22E249/406 IR3 22E249/406 IR2 22E249/406 IR1

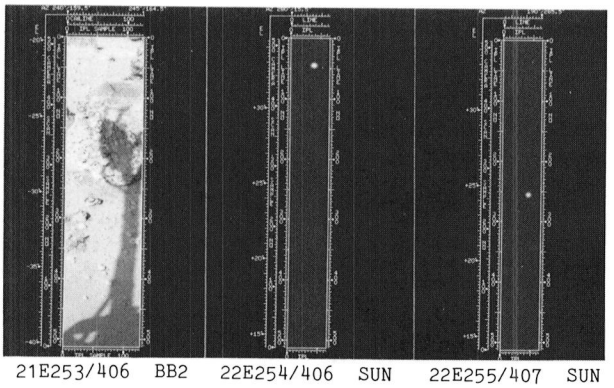


22E250/406 BLU 22E250/406 GRN

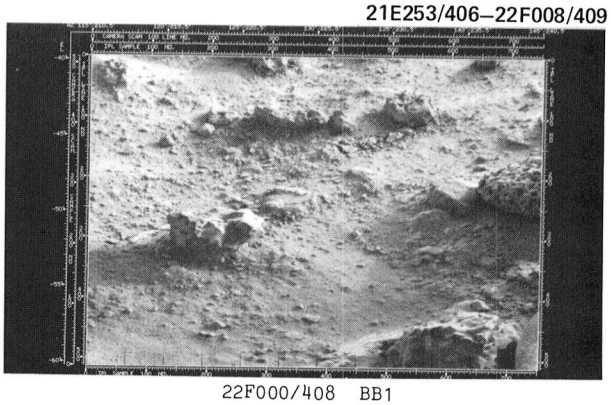


22E250/406 RED

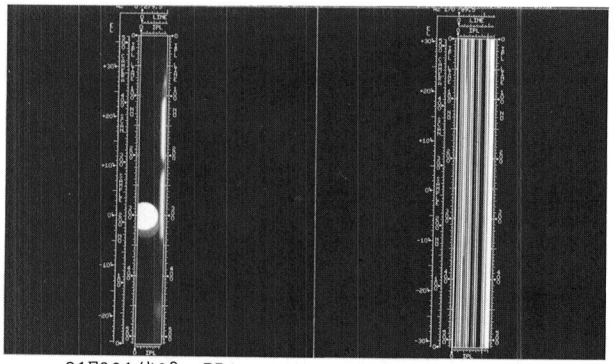




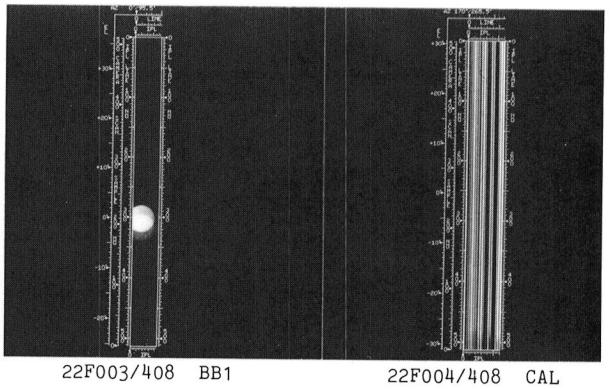
21E253/406 BB2 22E254/406 SUN 22E255/407 SUN



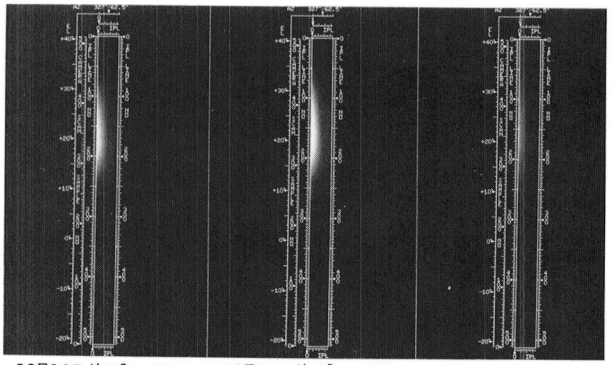
22F000/408 BB1



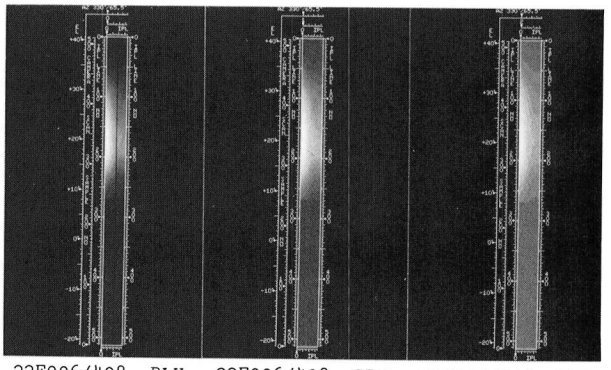
21F001/408 BB1 21F002/408 CAL



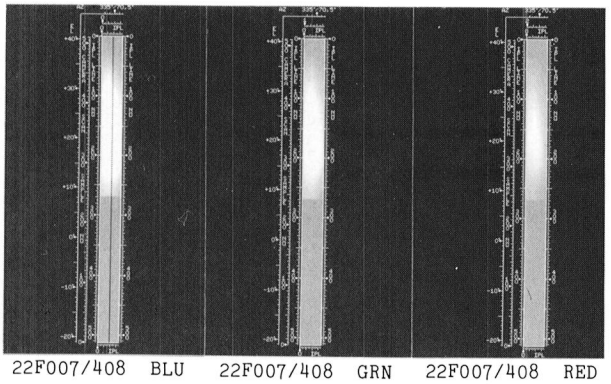
22F003/408 BB1 22F004/408 CAL



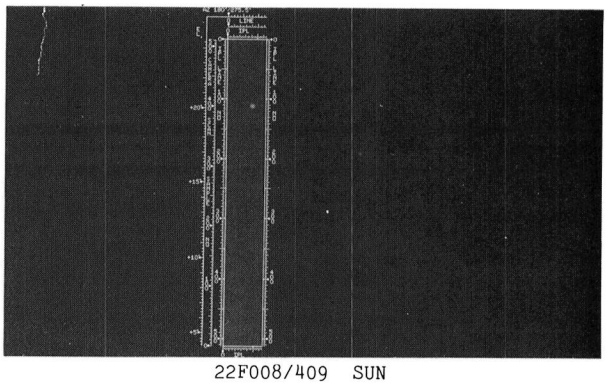
22F005/408 BLU 22F005/408 GRN 22F005/408 RED



22F006/408 BLU 22F006/408 GRN 22F006/408 RED

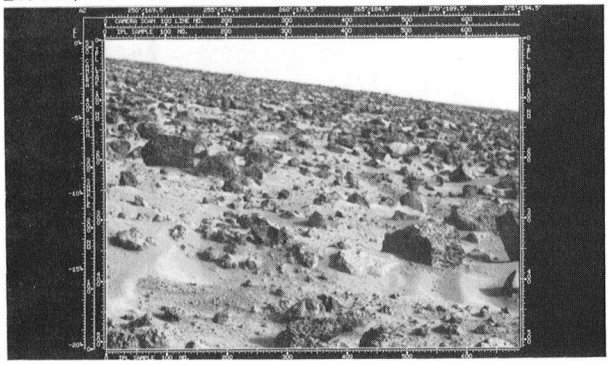


22F007/408 BLU 22F007/408 GRN 22F007/408 RED

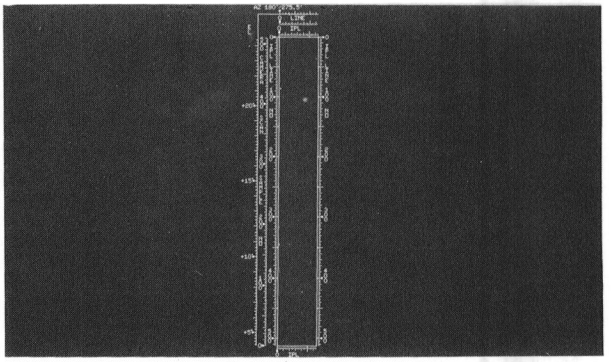


22F008/409 SUN

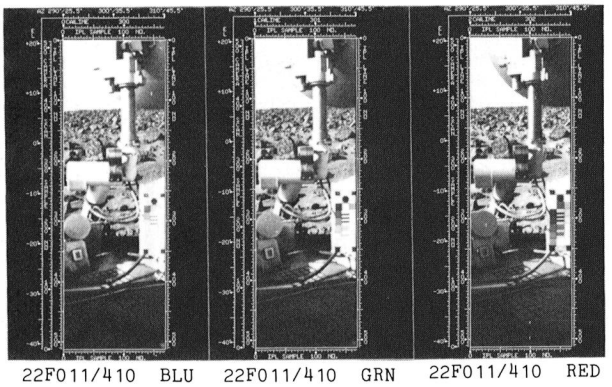
21F009/409–22F016/411



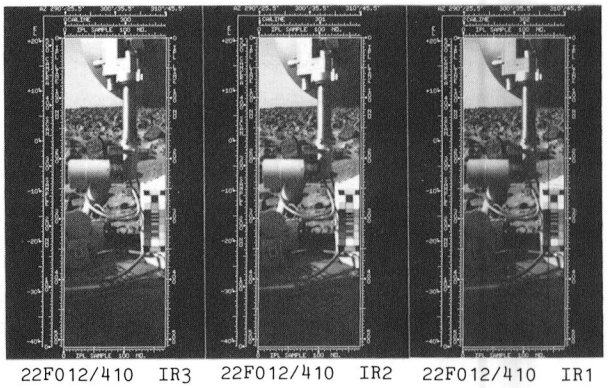
21F009/409 BB3



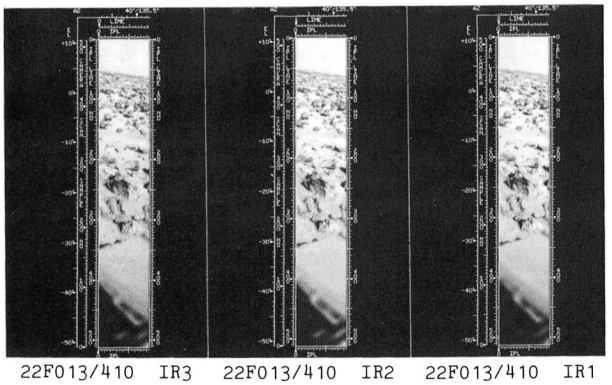
22F010/410 SUN



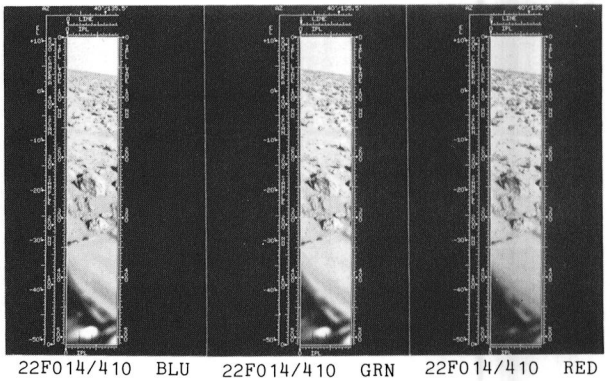
22F011/410 BLU 22F011/410 GRN 22F011/410 RED



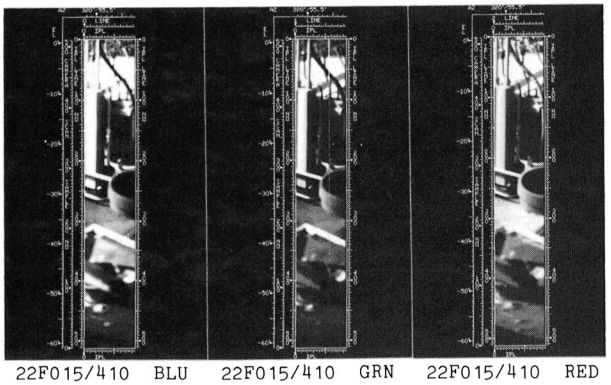
22F012/410 IR3 22F012/410 IR2 22F012/410 IR1



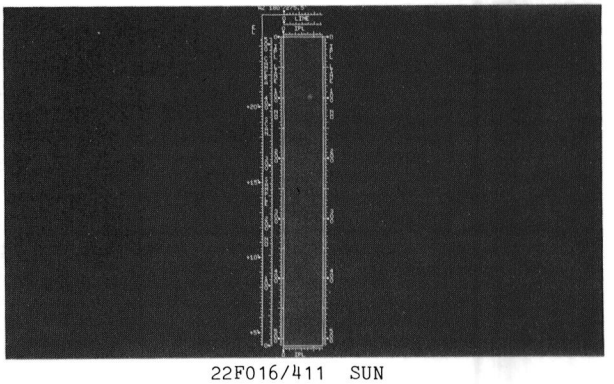
22F013/410 IR3 22F013/410 IR2 22F013/410 IR1



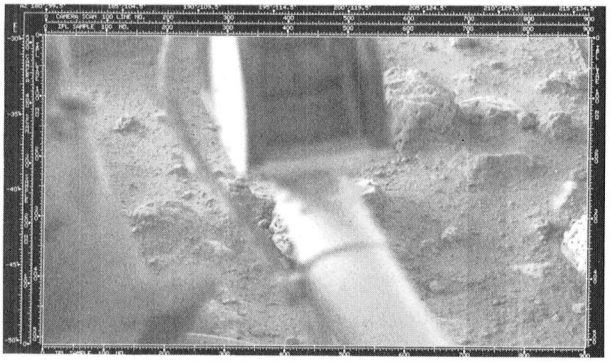
22F014/410 BLU 22F014/410 GRN 22F014/410 RED



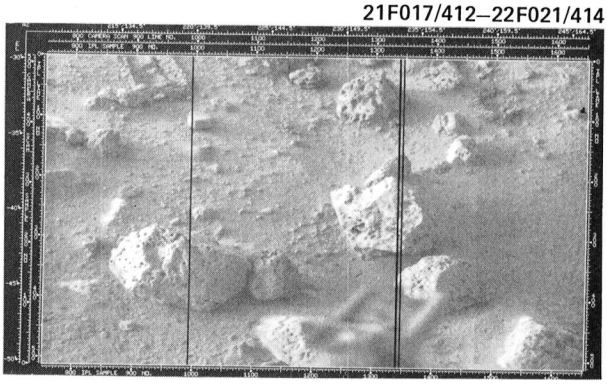
22F015/410 BLU 22F015/410 GRN 22F015/410 RED



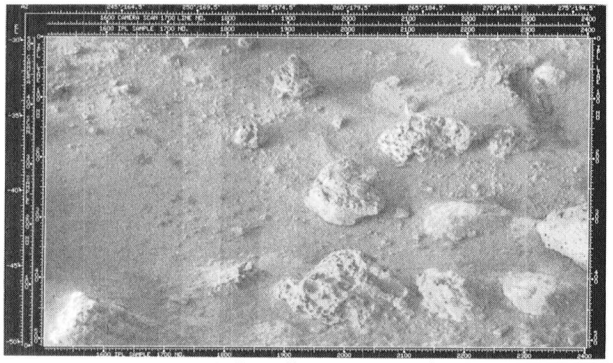
22F016/411 SUN



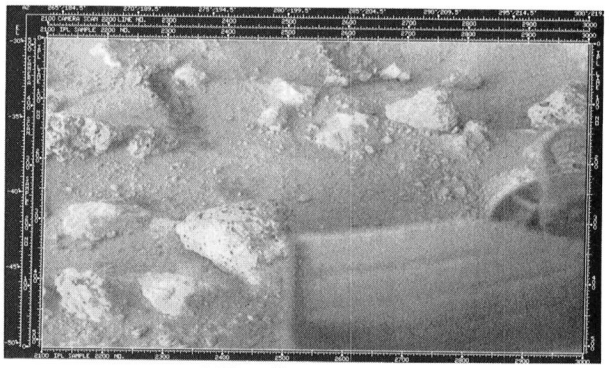
21F017/412 BB1 1/4



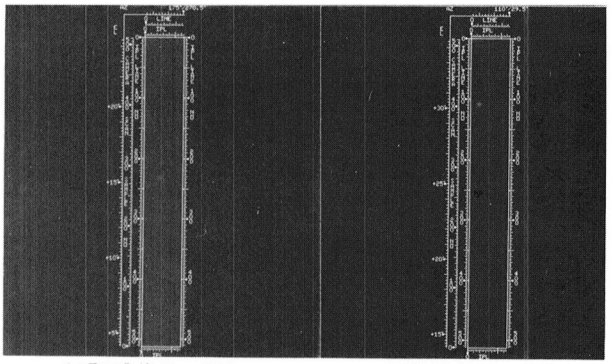
21F017/412 BB1 2/4



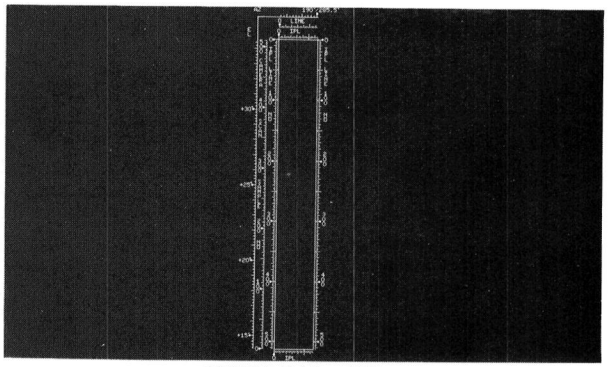
21F017/412 BB1 3/4



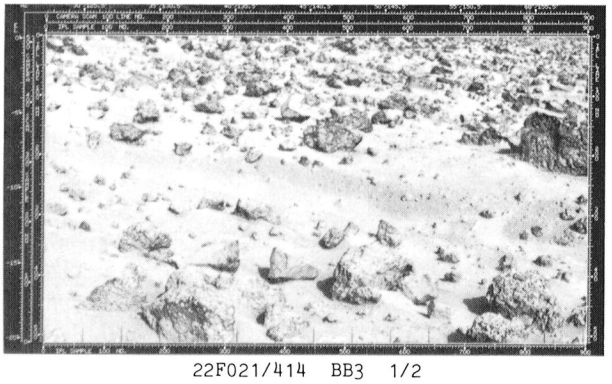
21F017/412 BB1 4/4



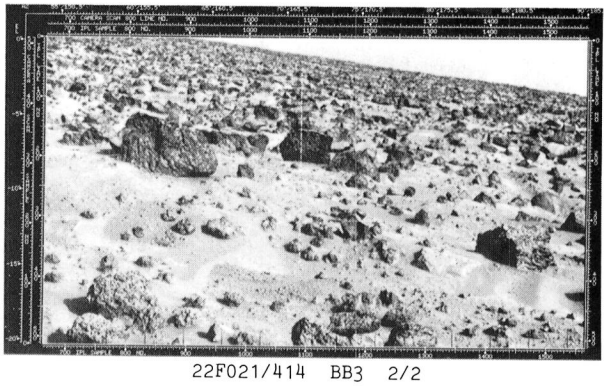
22F018/413 SUN 21F019/413 SUN



22F020/414 SUN

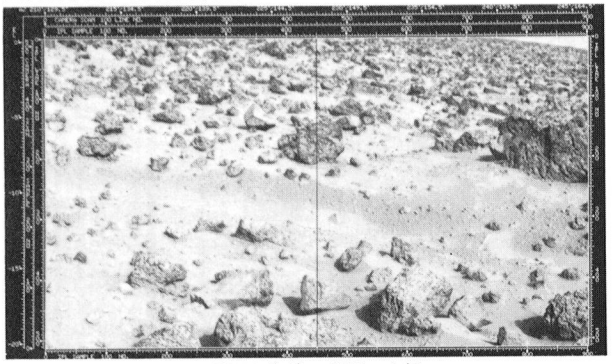


22F021/414 BB3 1/2



22F021/414 BB3 2/2

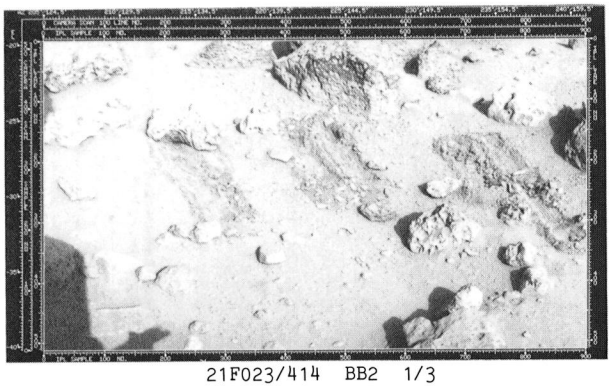
21F022/414–21F026/414



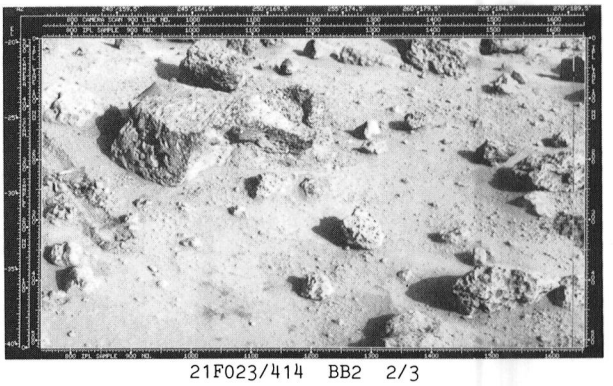
21F022/414 BB3 1/2



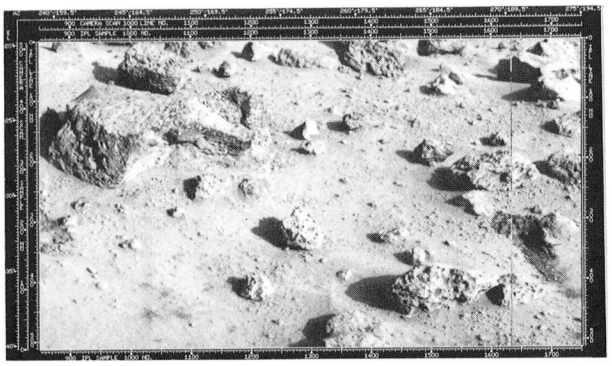
21F022/414 BB3 2/2



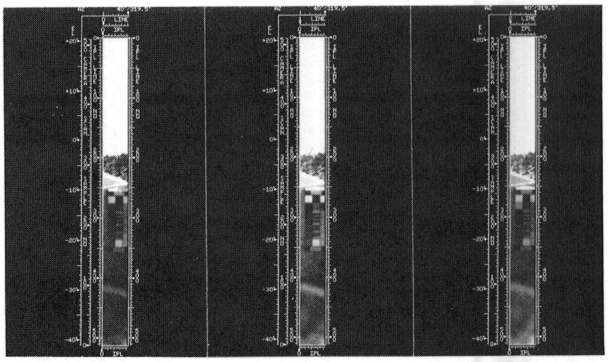
21F023/414 BB2 1/3



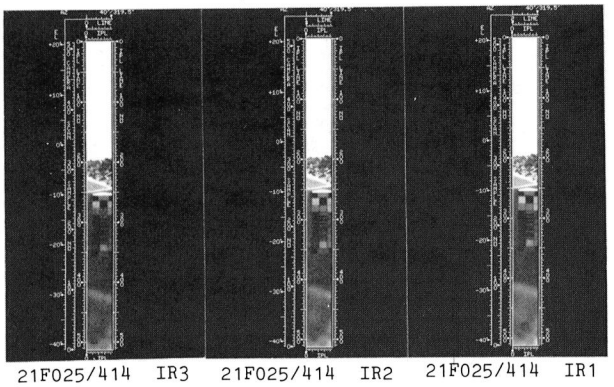
21F023/414 BB2 2/3



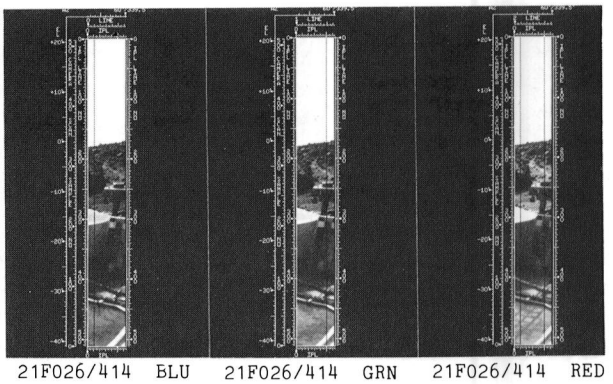
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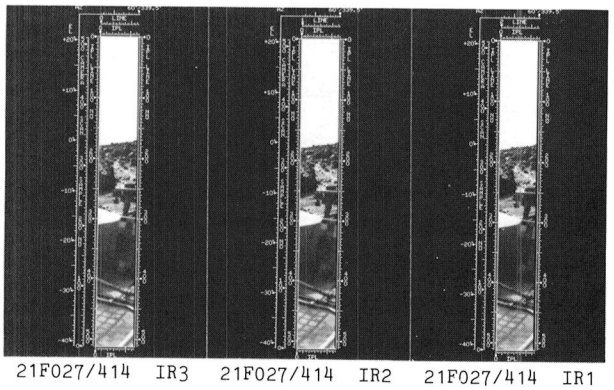
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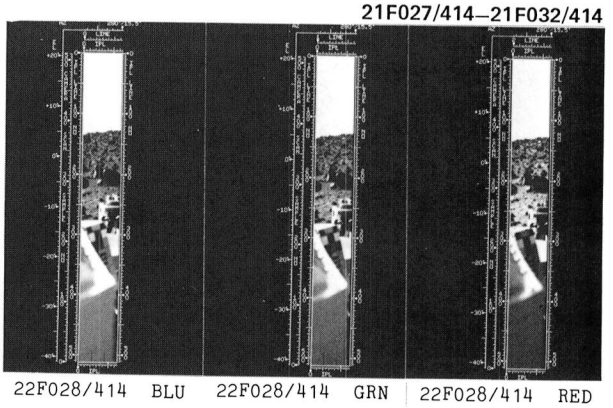
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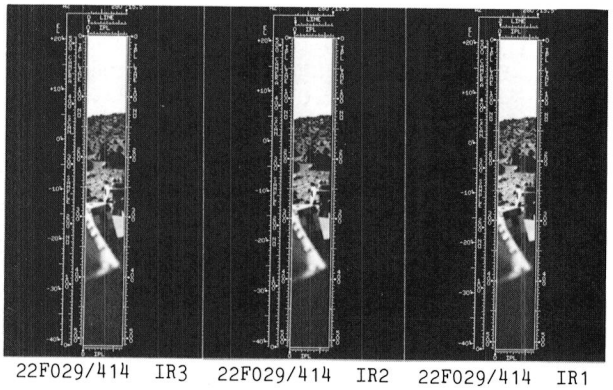
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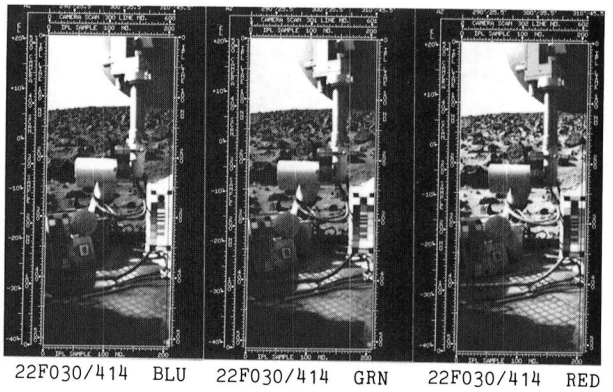
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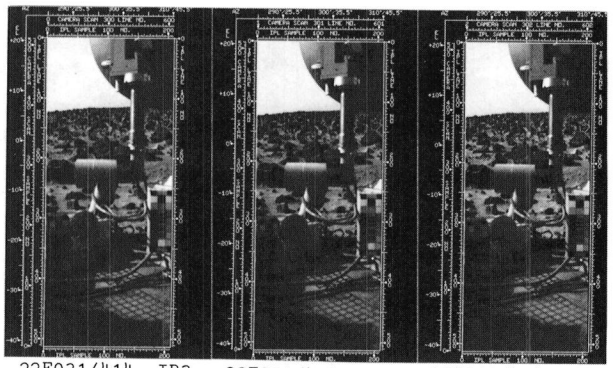
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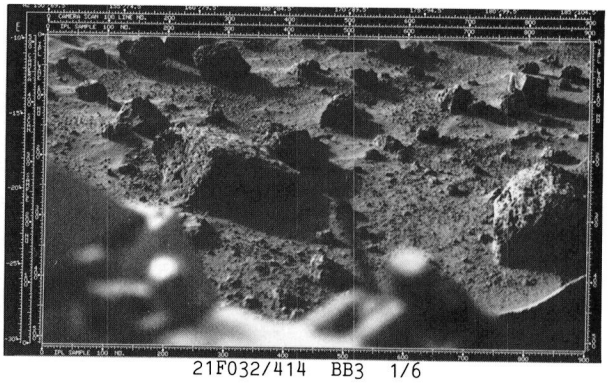
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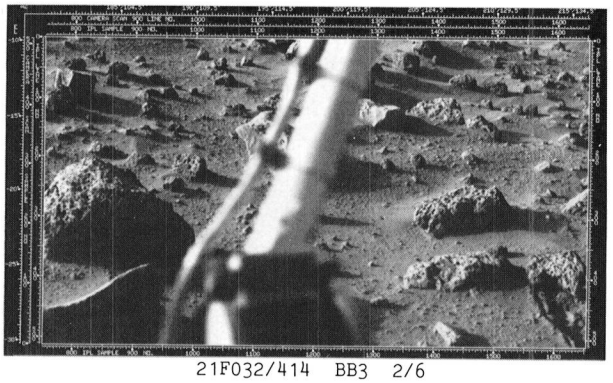
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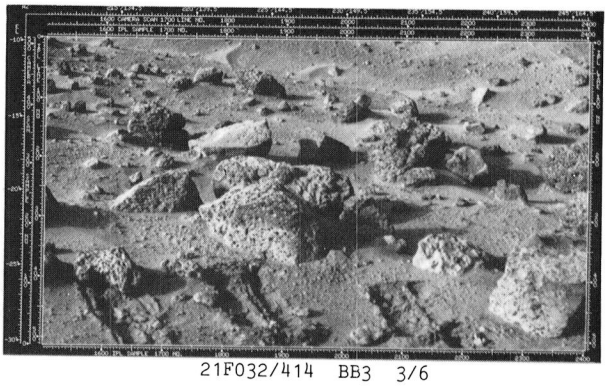
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21F032/414 BB3 1/6

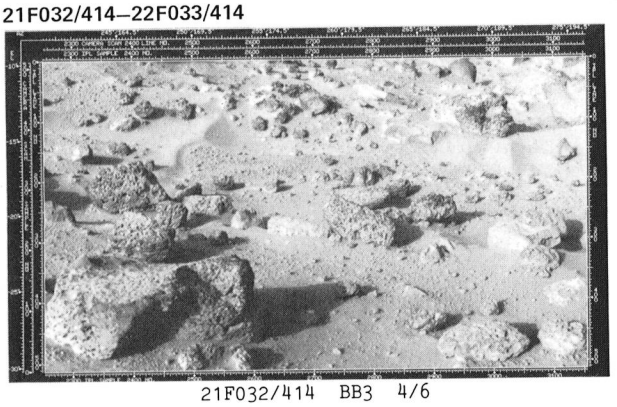


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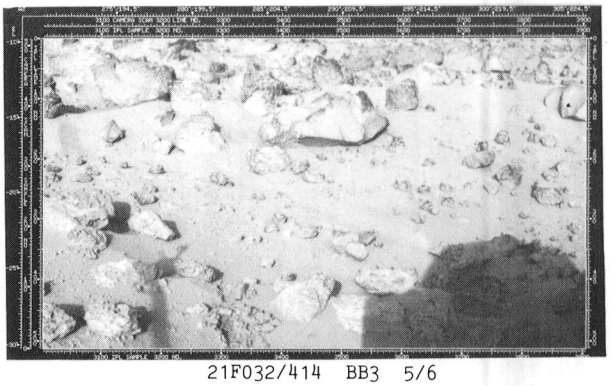


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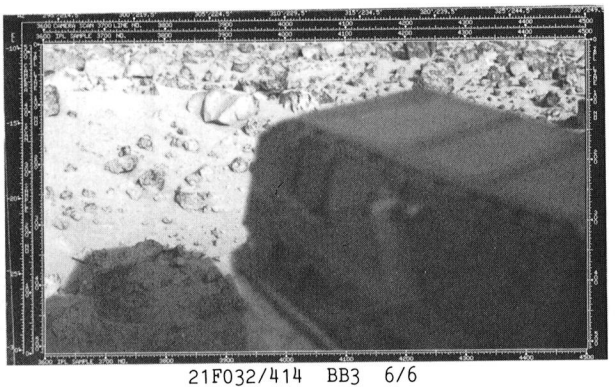
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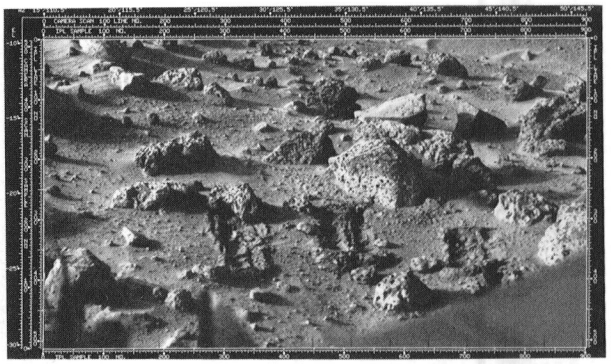
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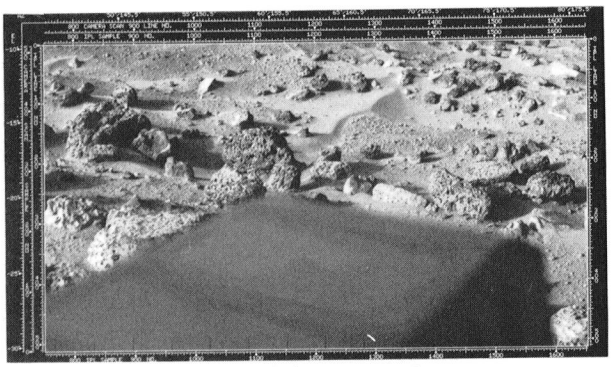
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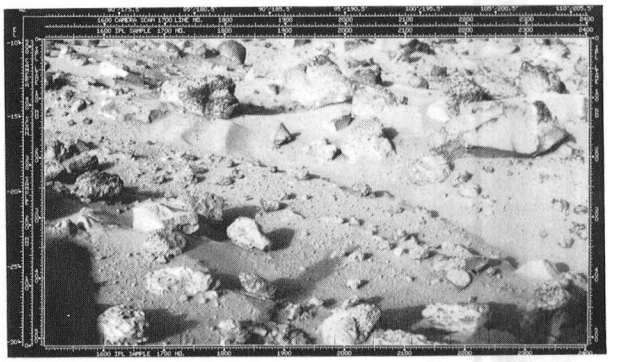
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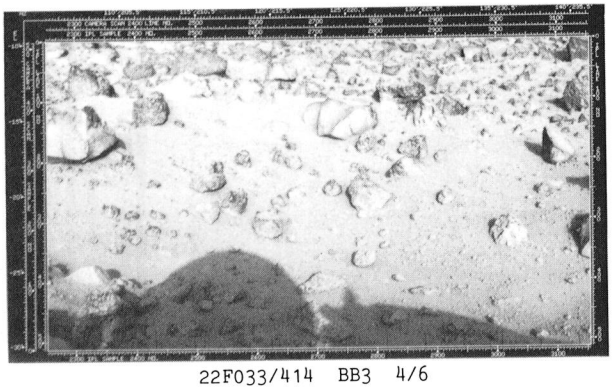
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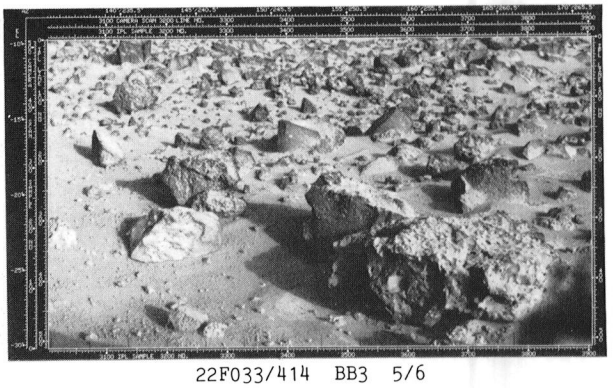
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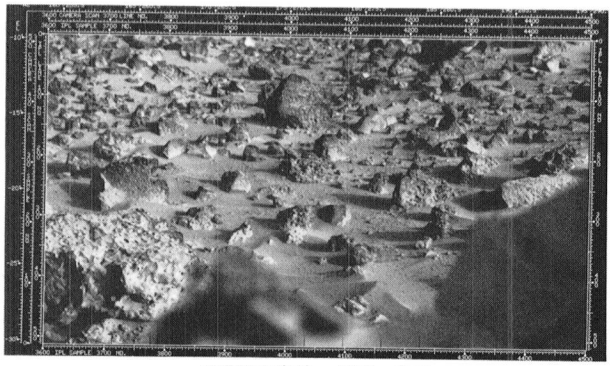
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22F033/414 BB3 4/6



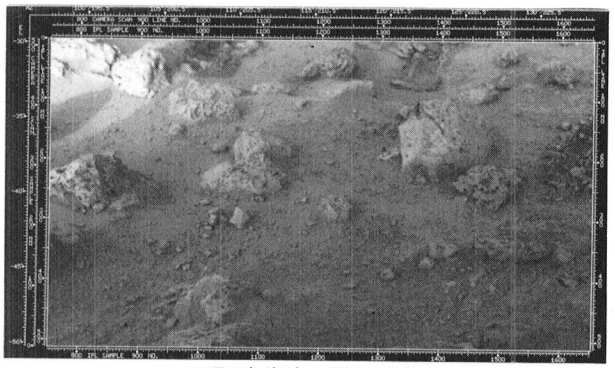
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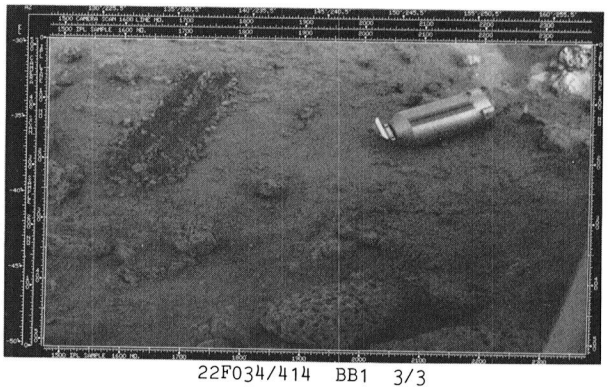
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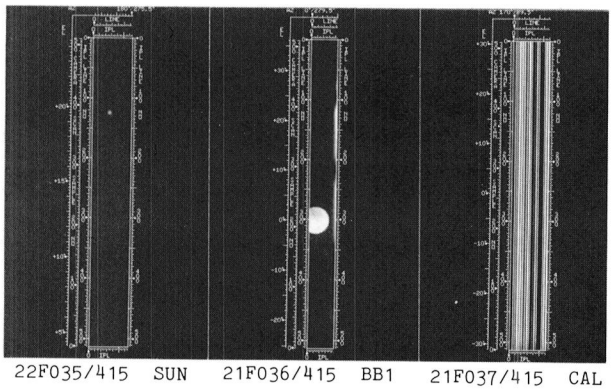
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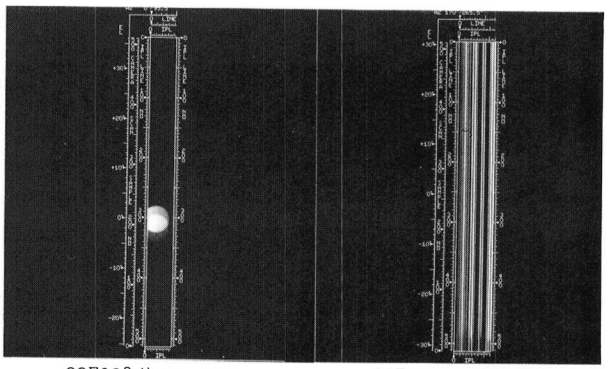
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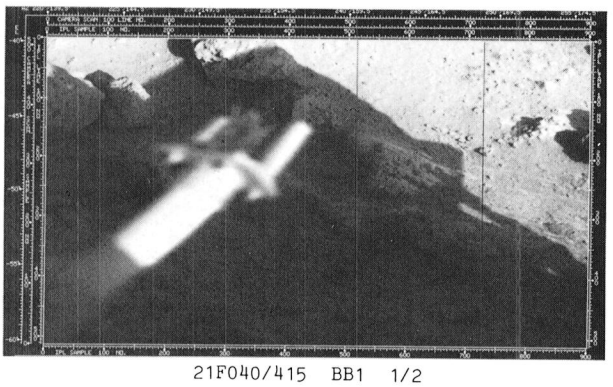
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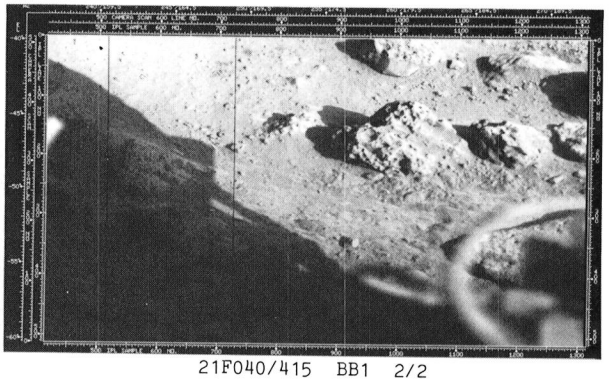
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22F038/415 BB1 22F039/415 CAL

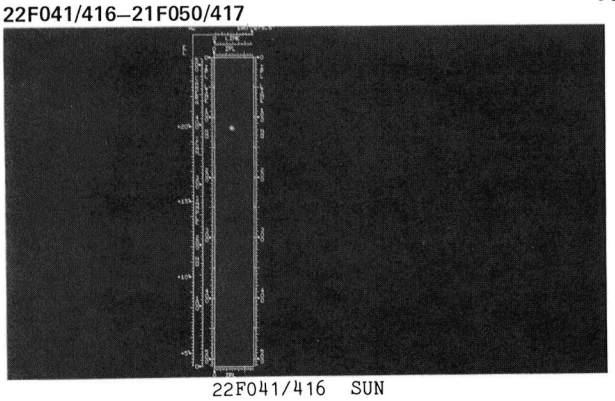


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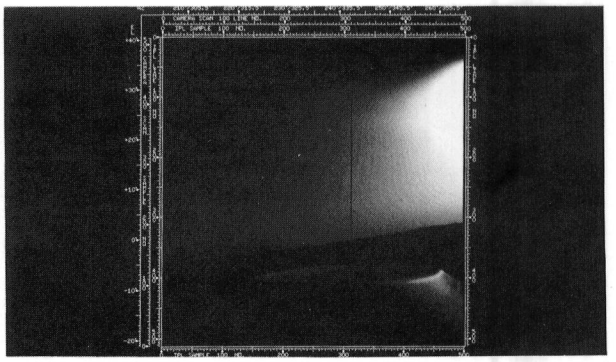


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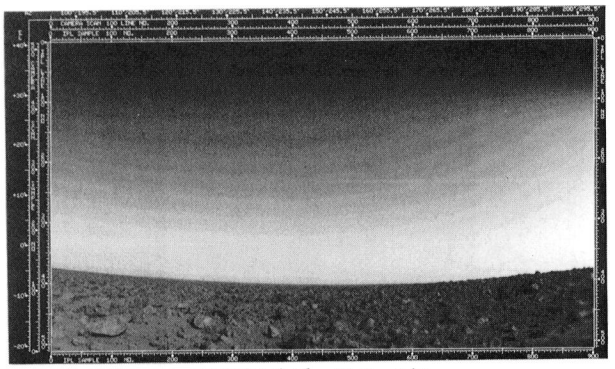
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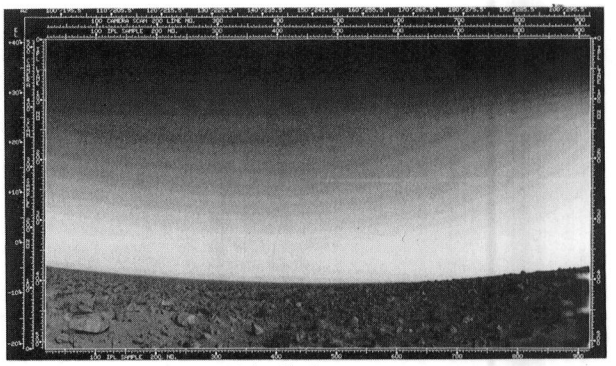
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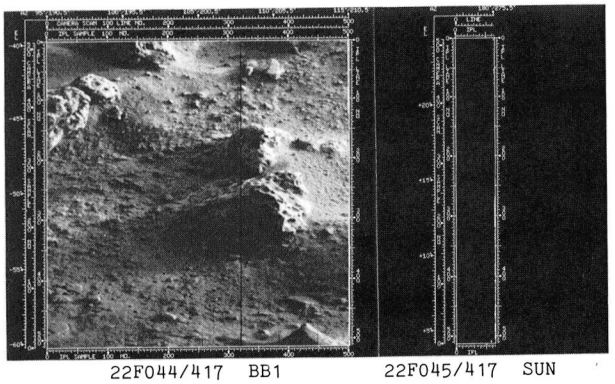
22F042/416 BLU



22F043/416 BLU 1/2

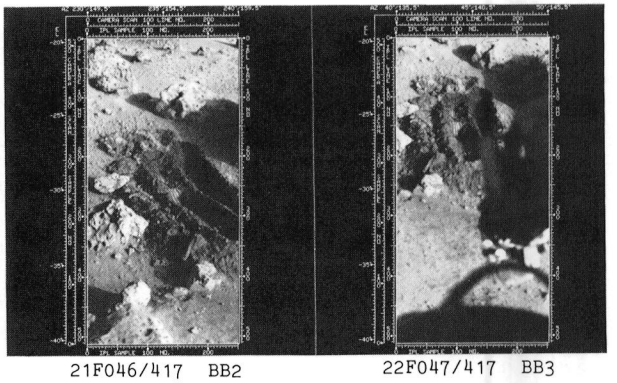


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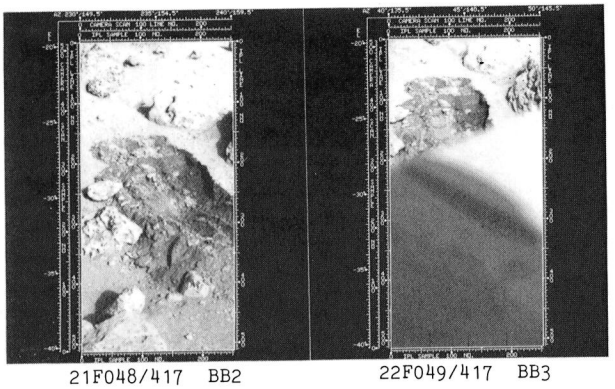
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22F045/417 SUN



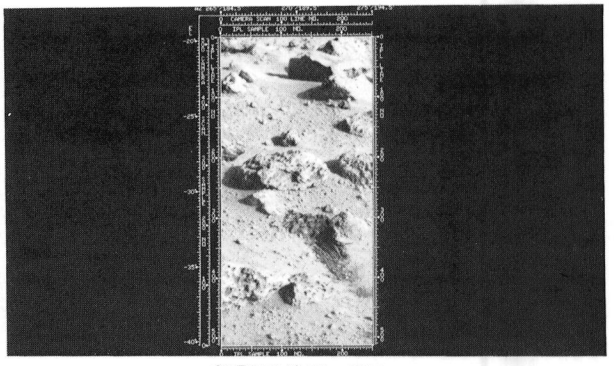
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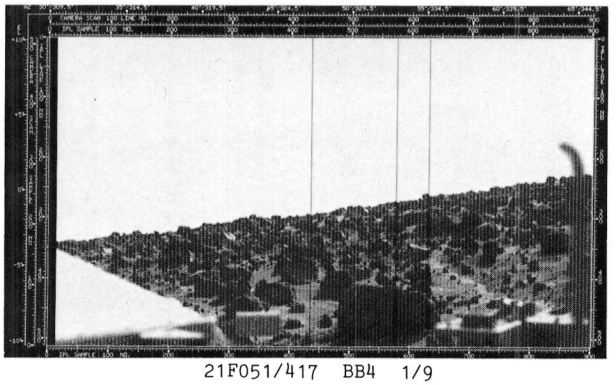


21F048/417 BB2

22F049/417 BB3



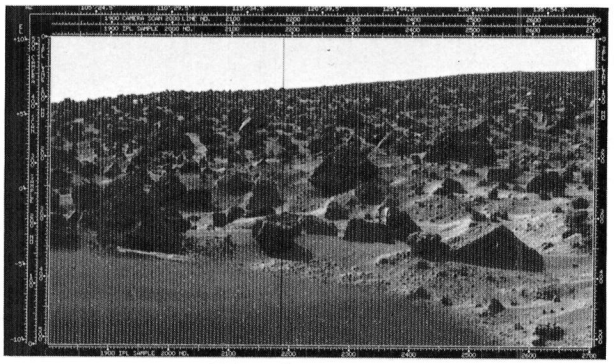
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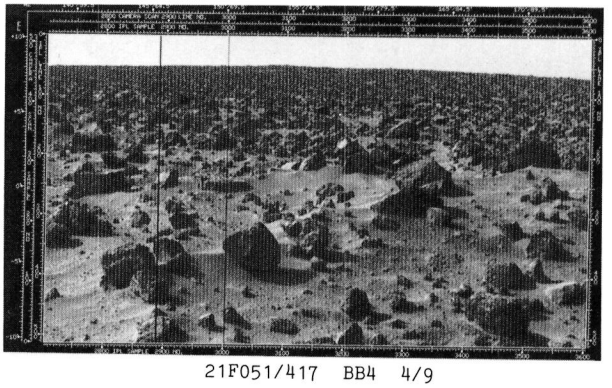
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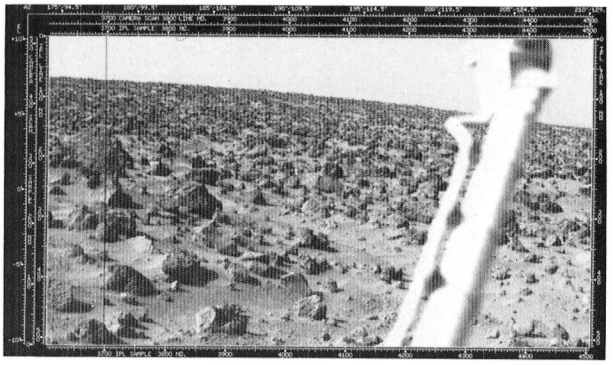
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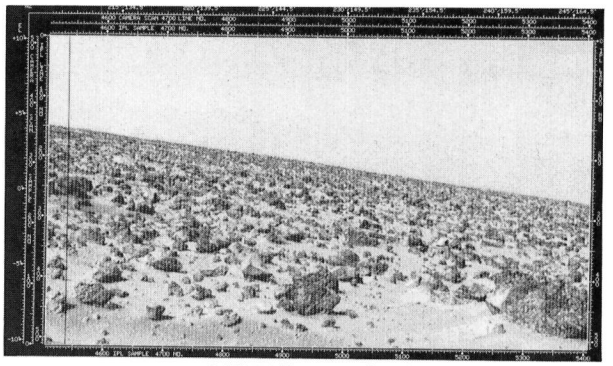
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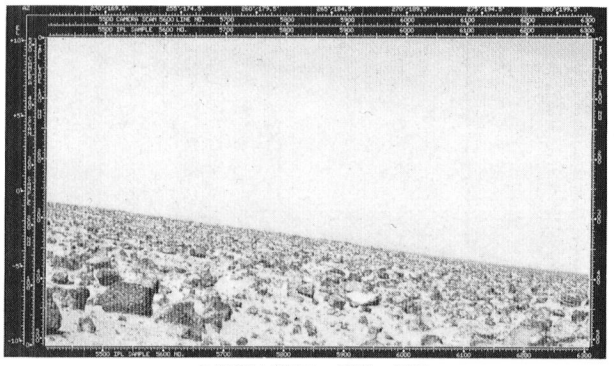
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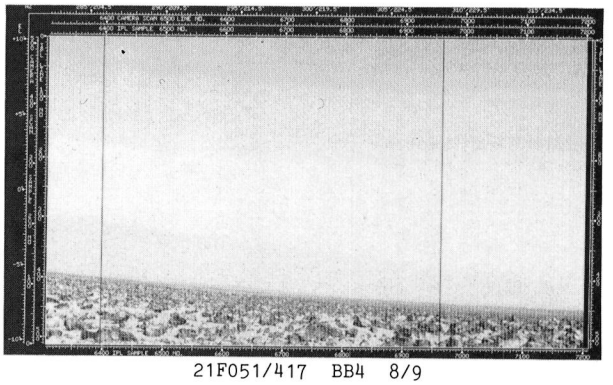
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21F051/417 BB4 6/9

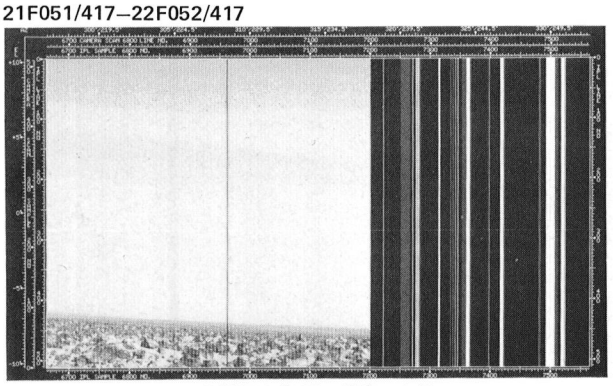


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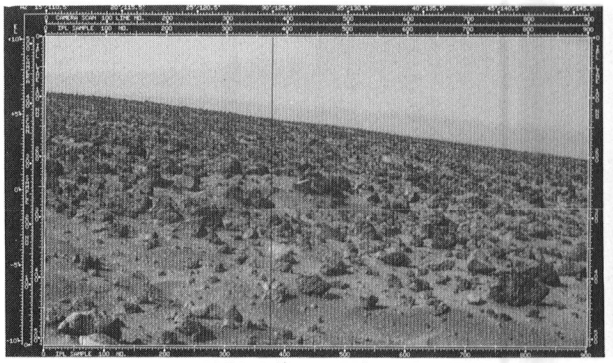


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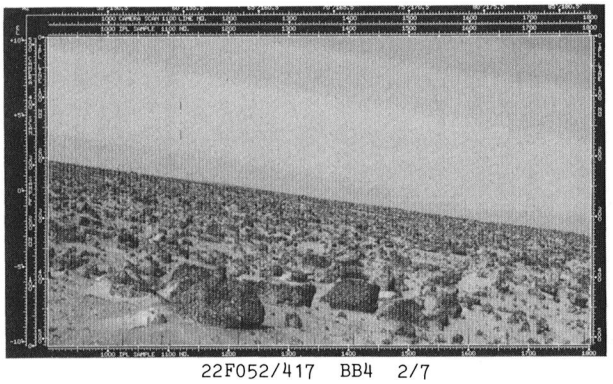
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21F051/417 BB4 9/9



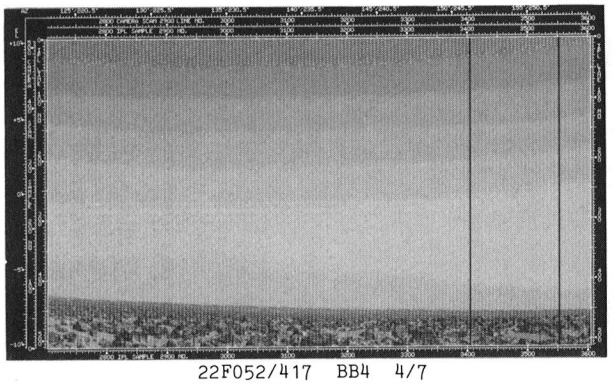
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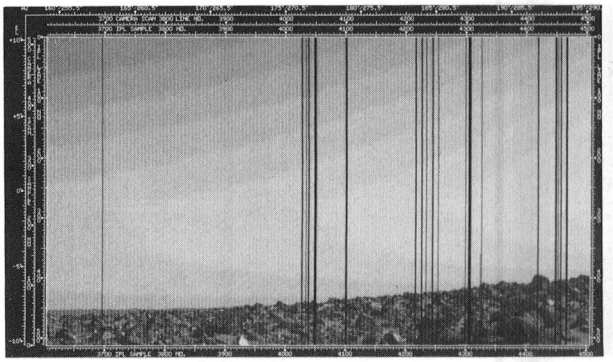
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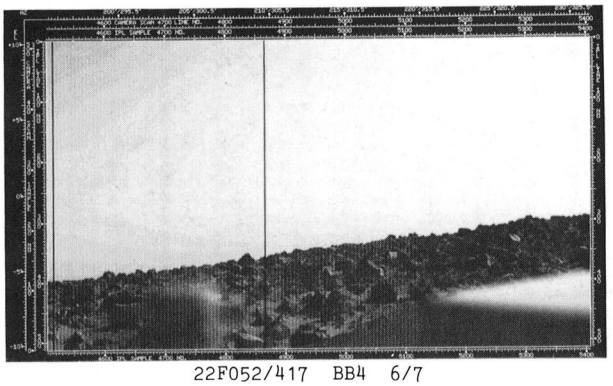
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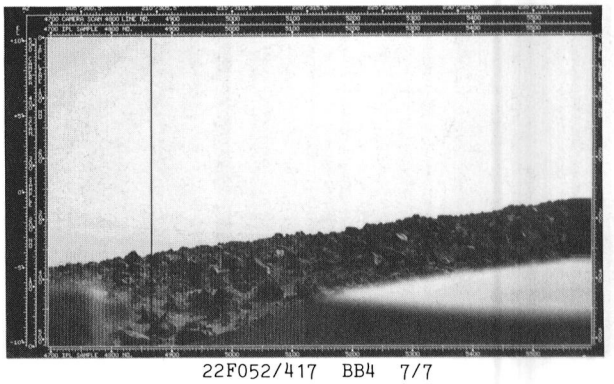
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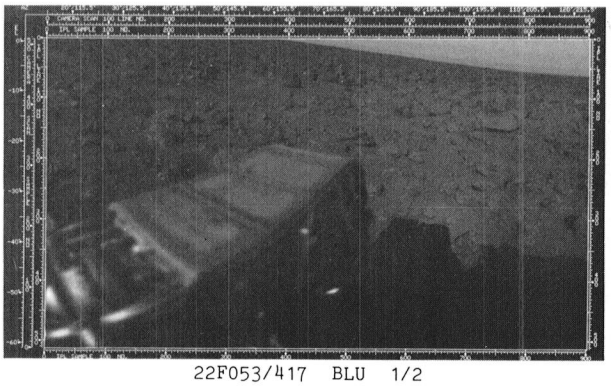
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22F052/417 BB4 6/7



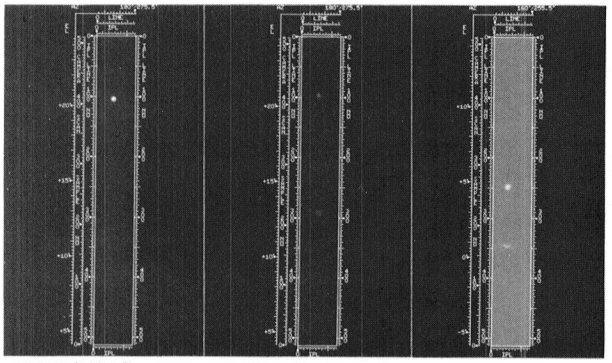
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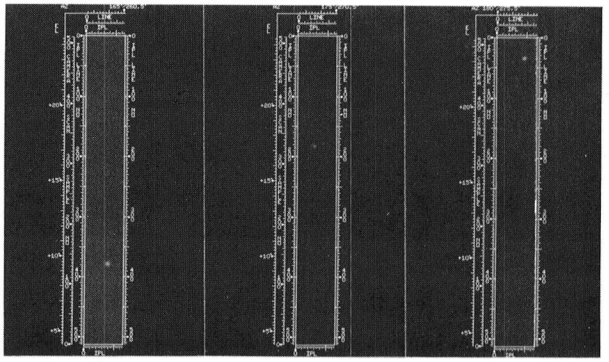
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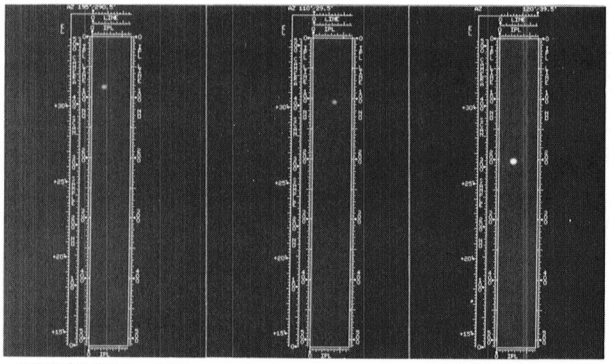
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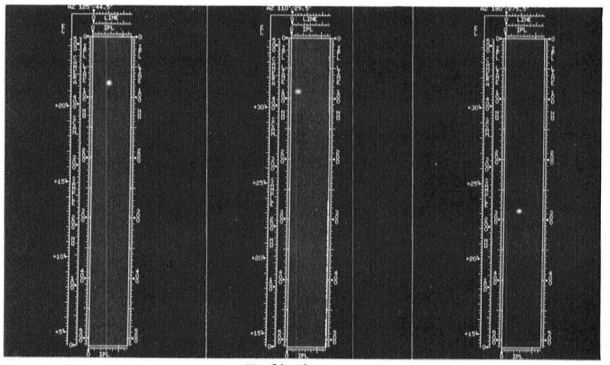
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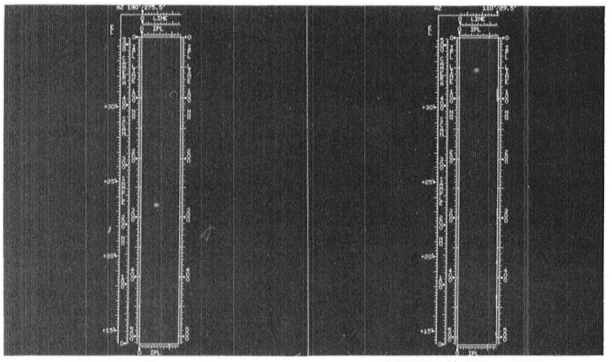
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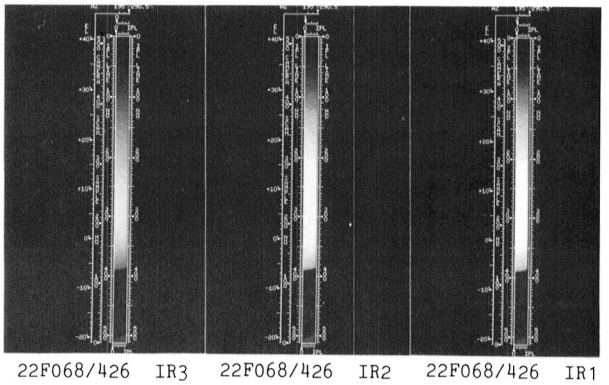
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21F063/420 SUN 21F064/421 SUN 22F065/422 SUN

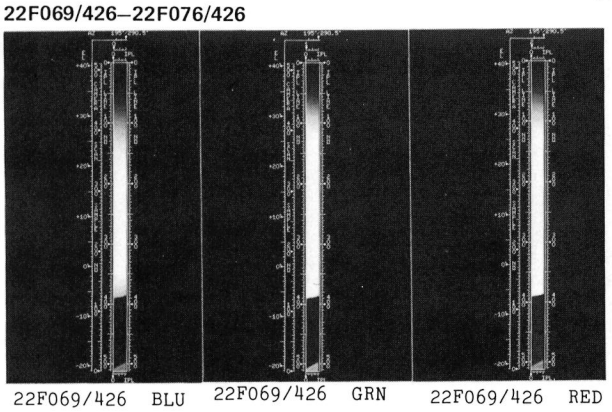


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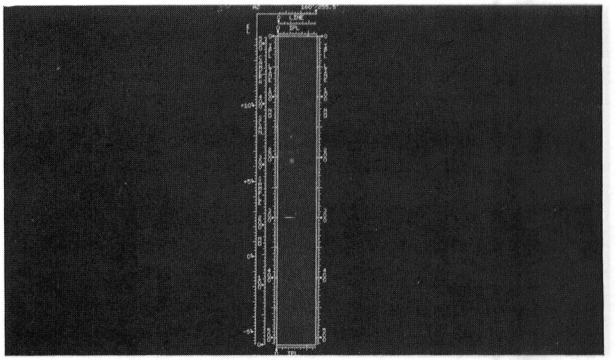


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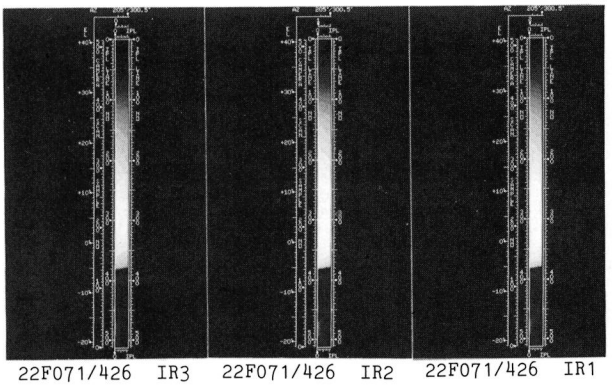
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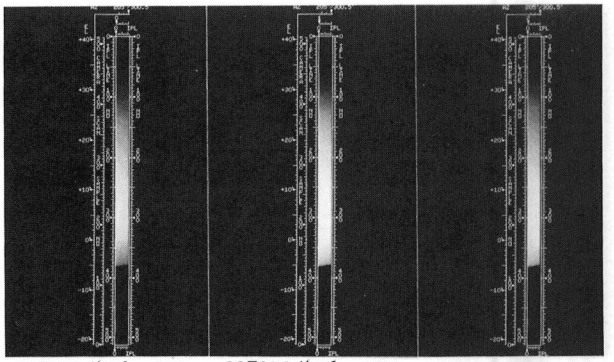
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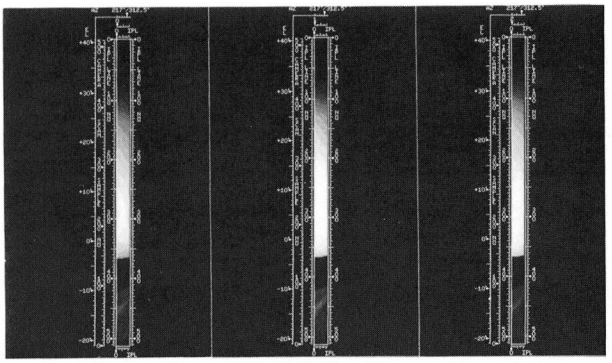
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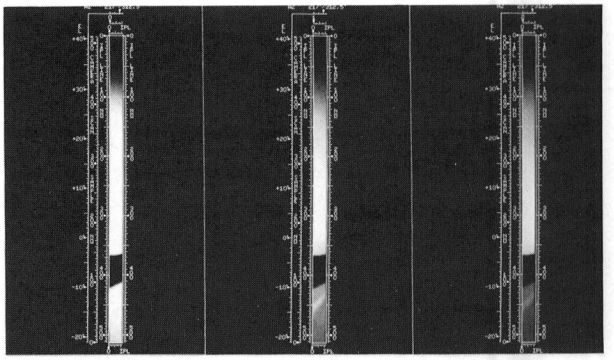
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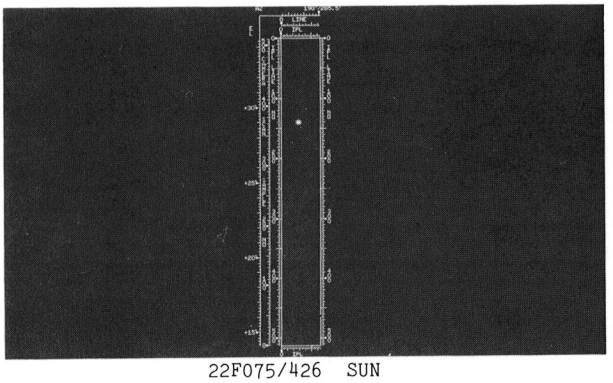
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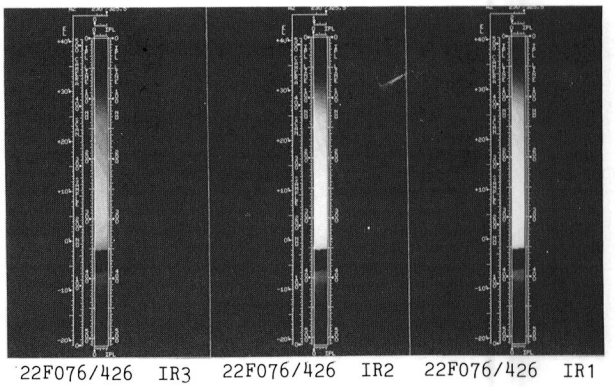
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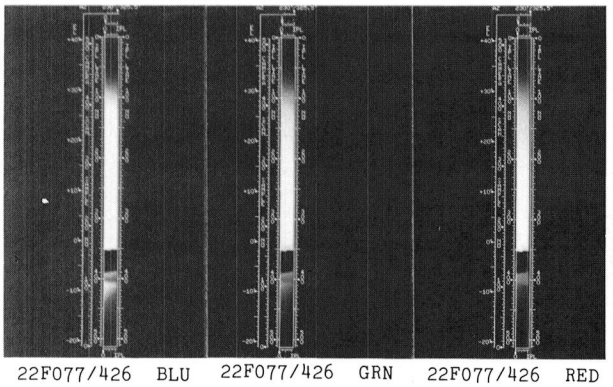
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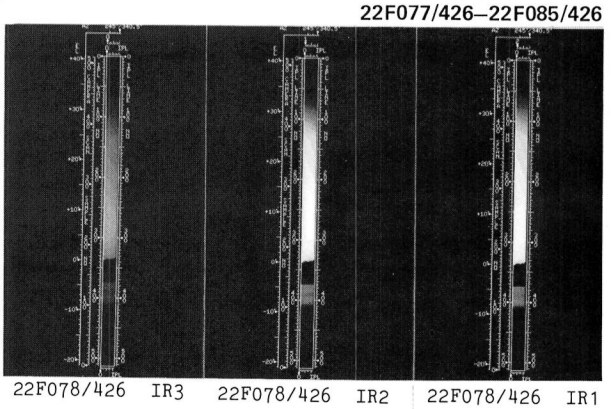
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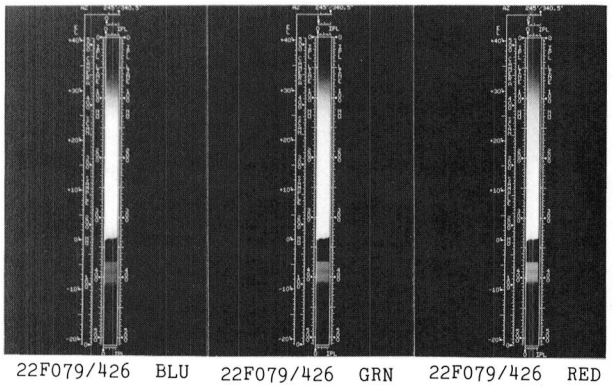
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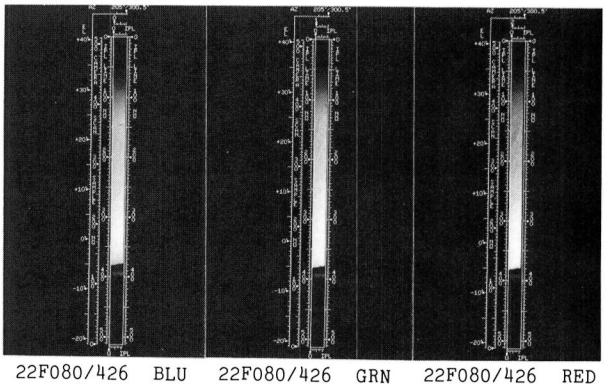
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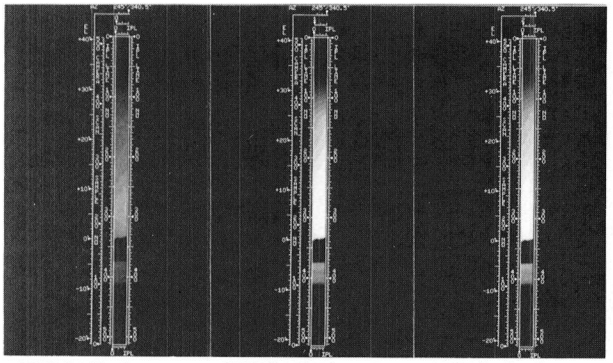
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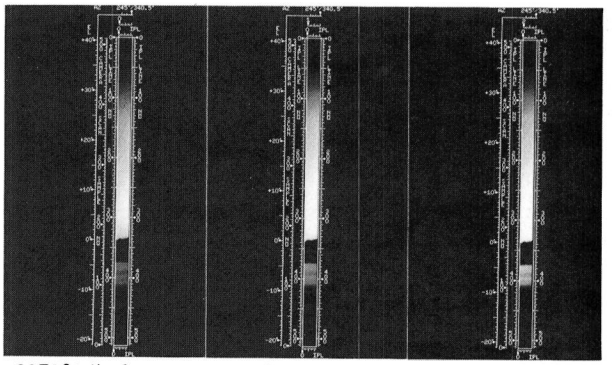
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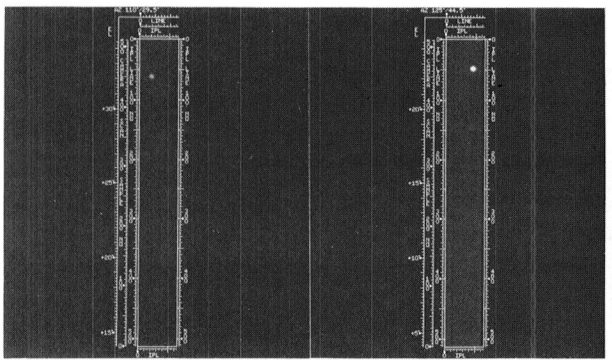
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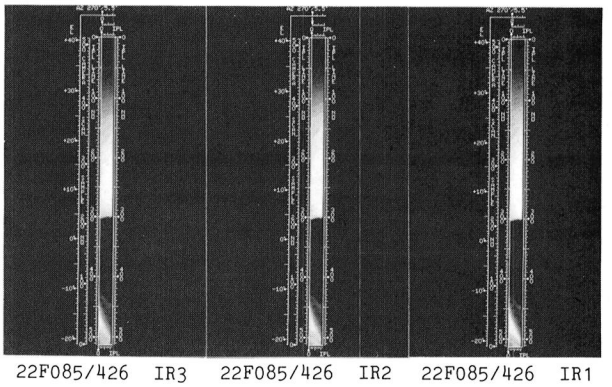
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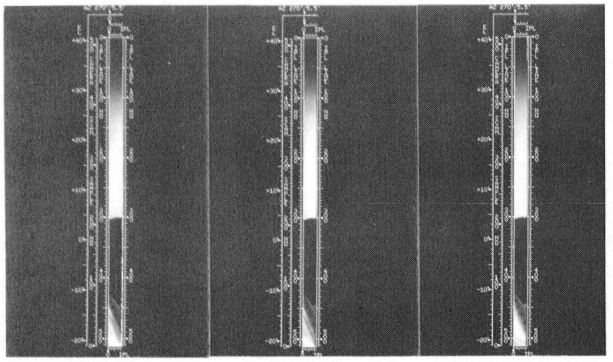


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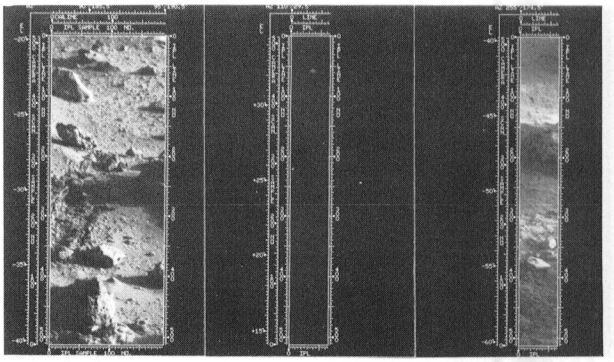


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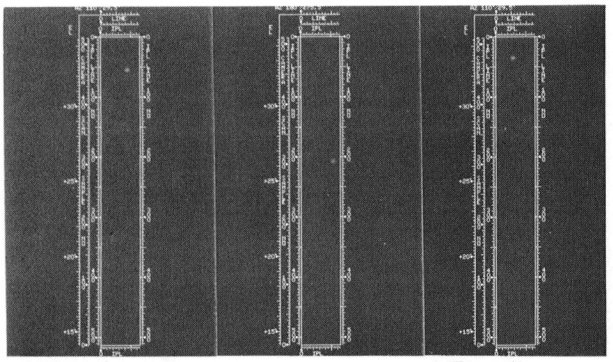
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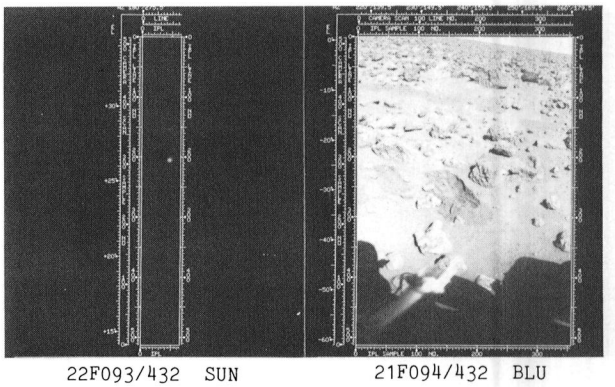
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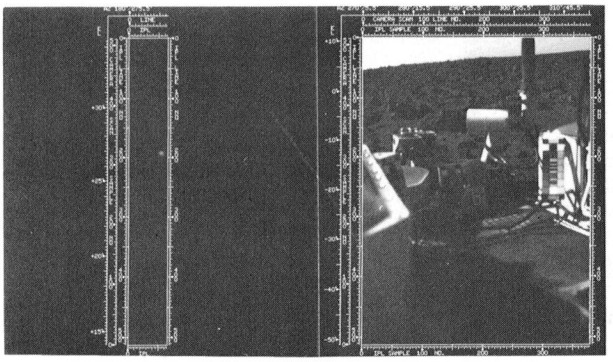
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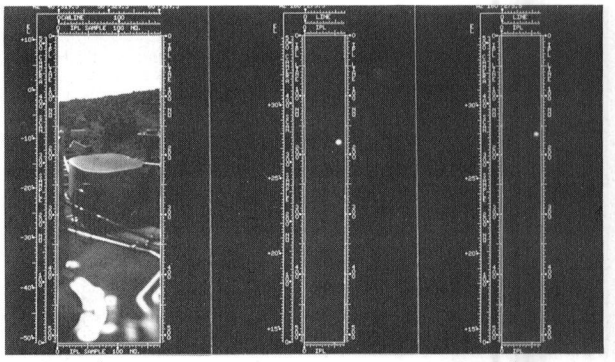
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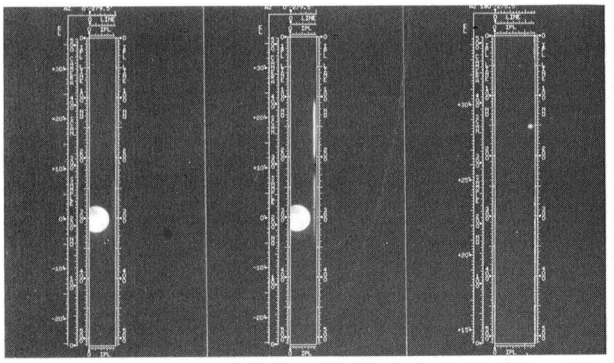
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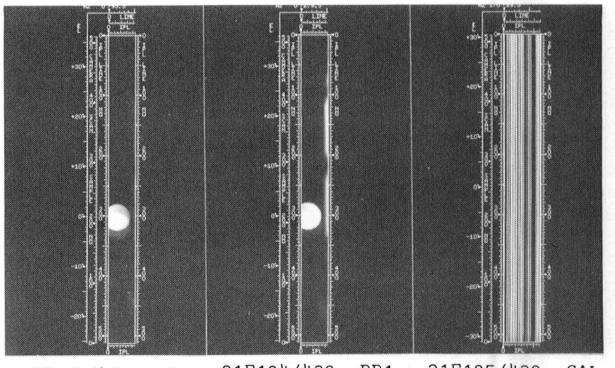
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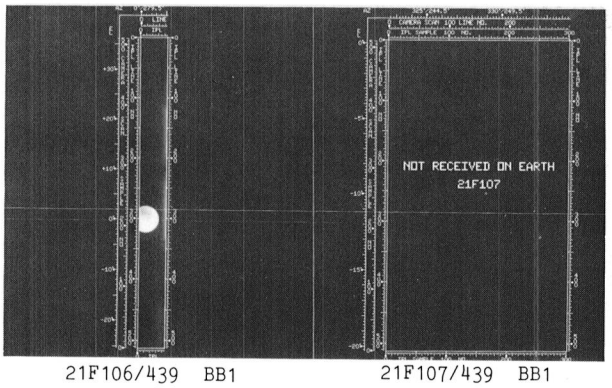
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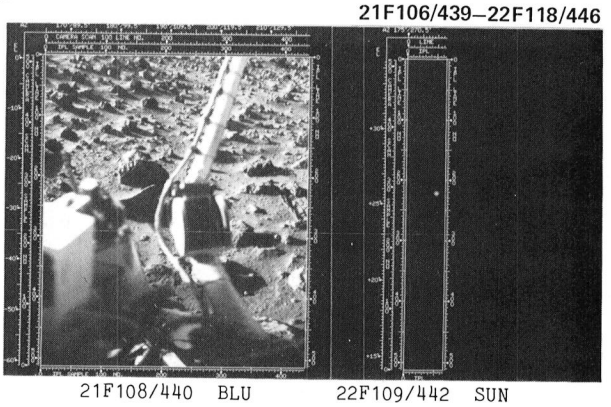
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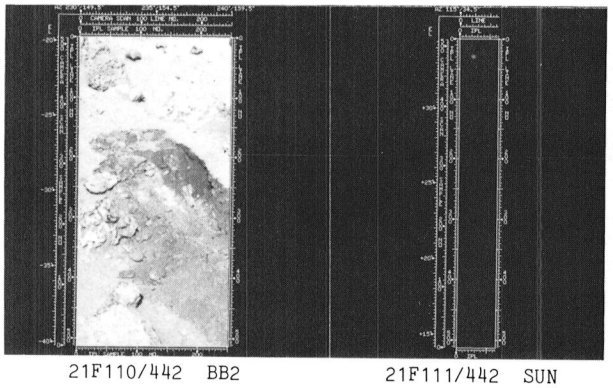
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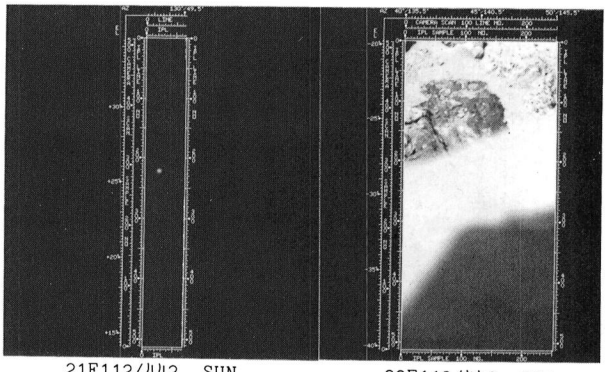
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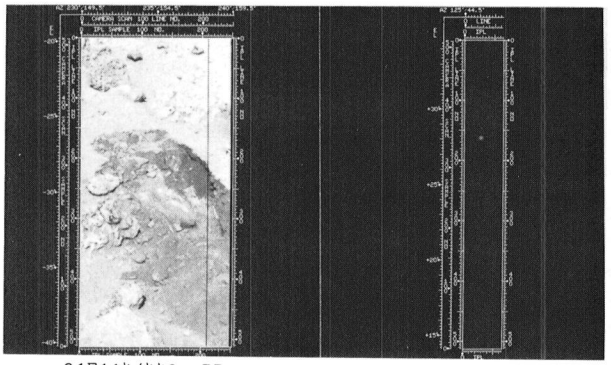
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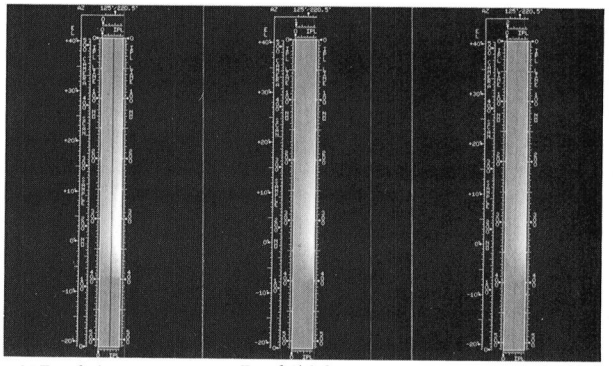
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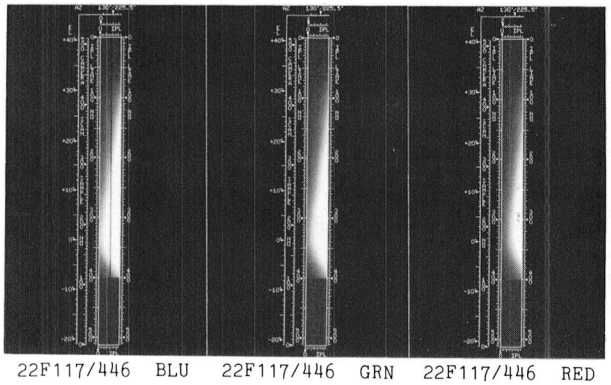
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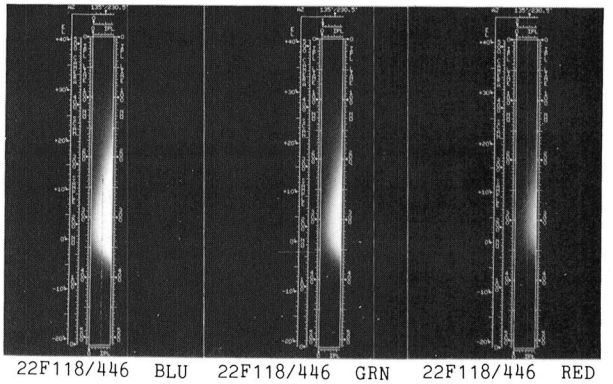
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22F116/446 BLU 22F116/446 GRN 22F116/446 RED

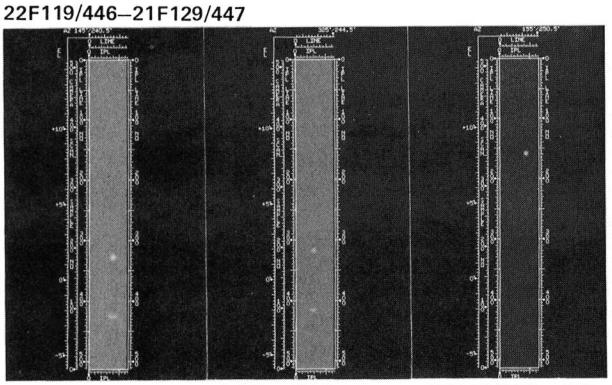


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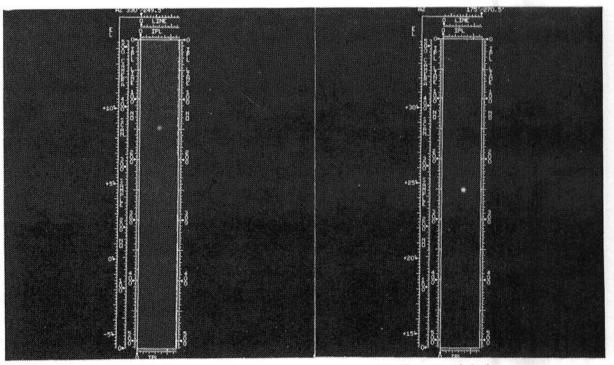


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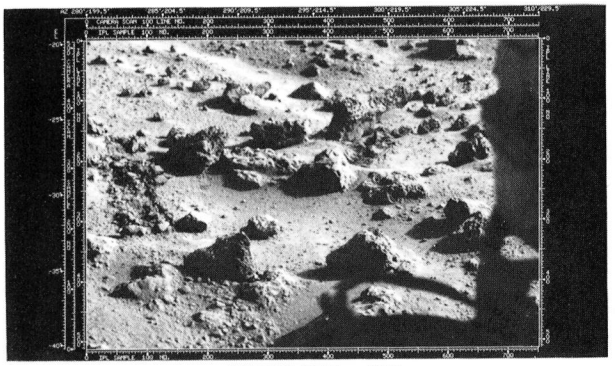
22F119/446–21F129/447



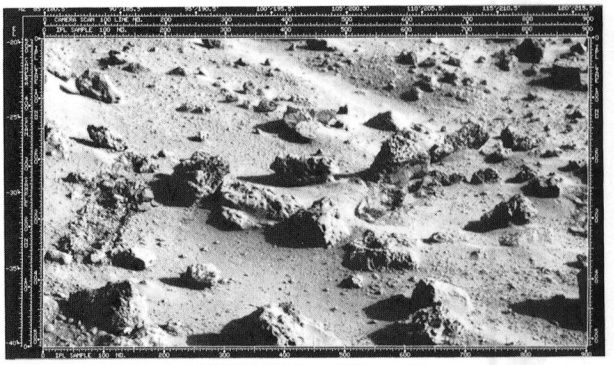
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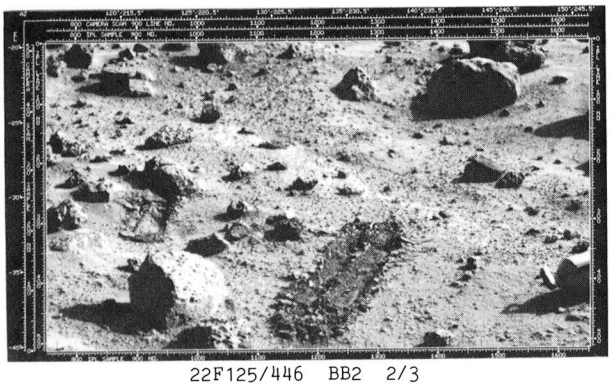
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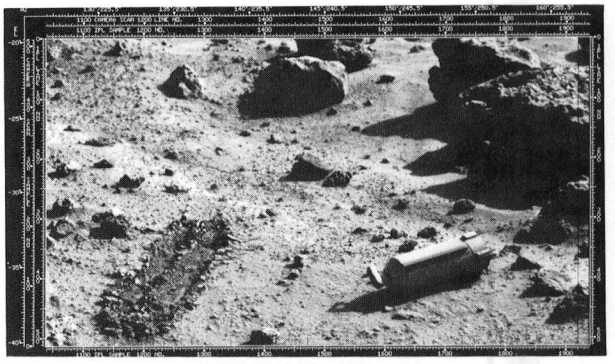
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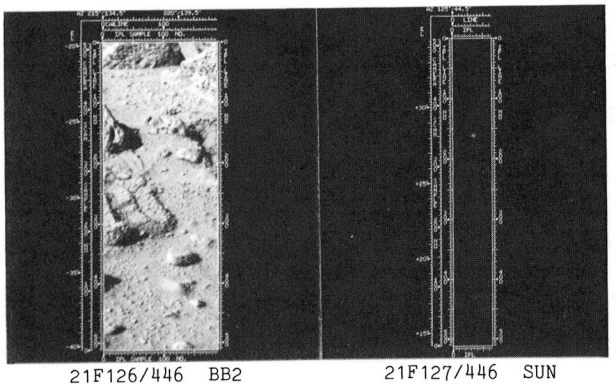
22F125/446 BB2 1/3



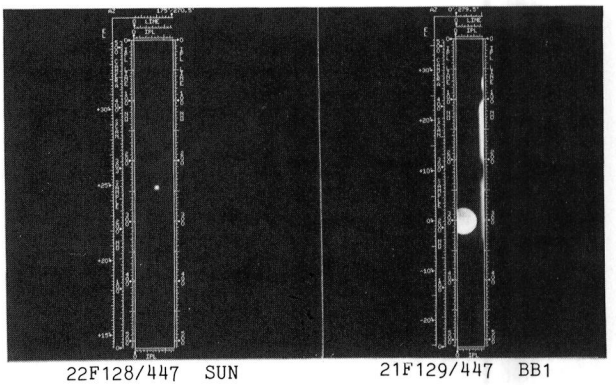
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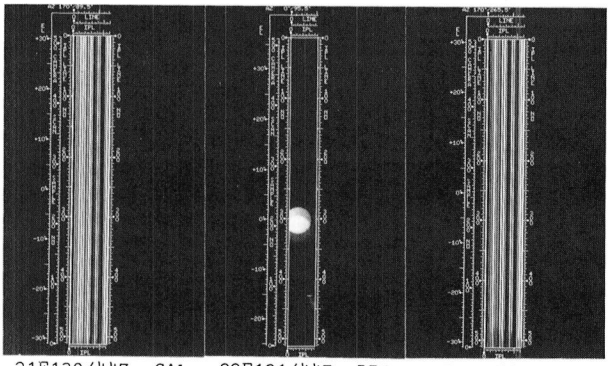
22F125/446 BB2 3/3



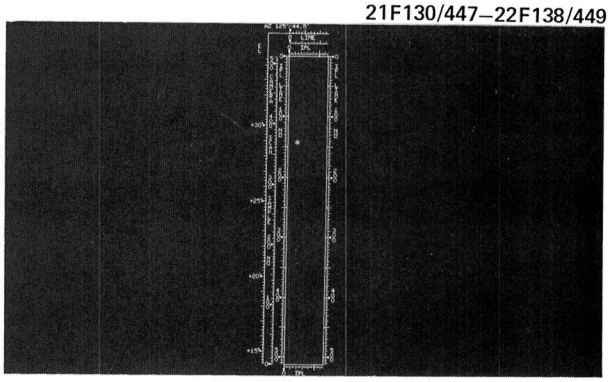
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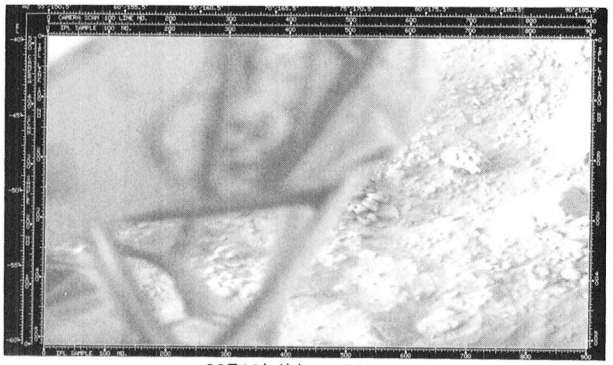
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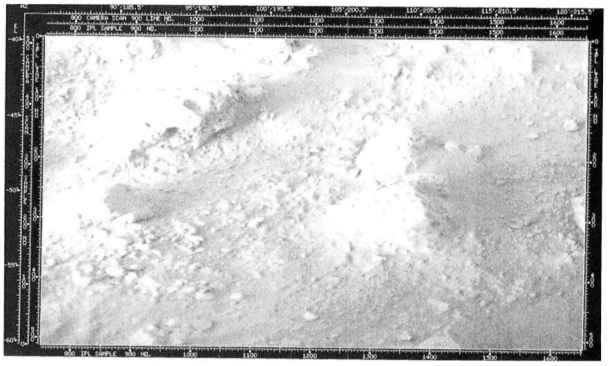
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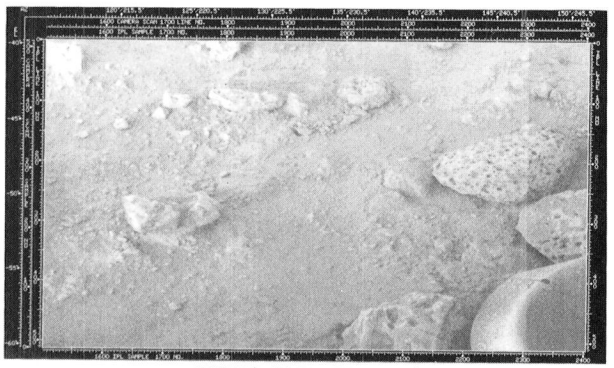
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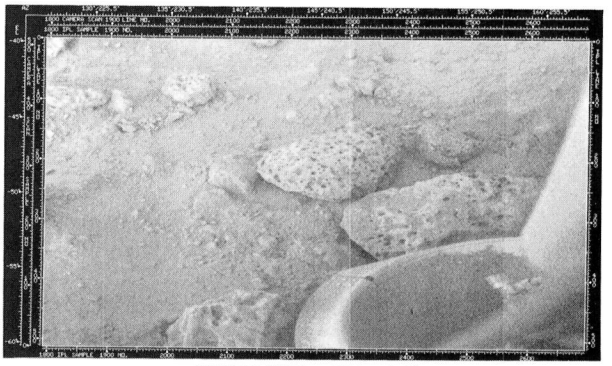
22F134/447 BB1 1/4



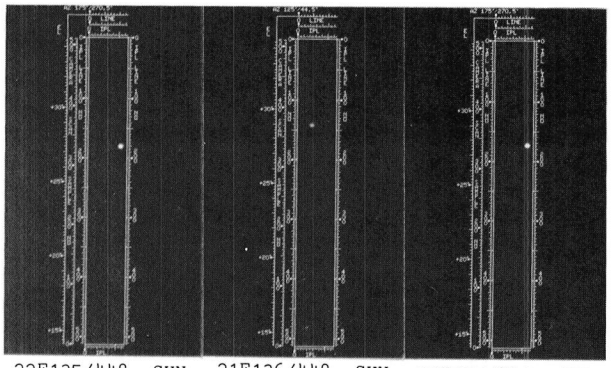
22F134/447 BB1 2/4



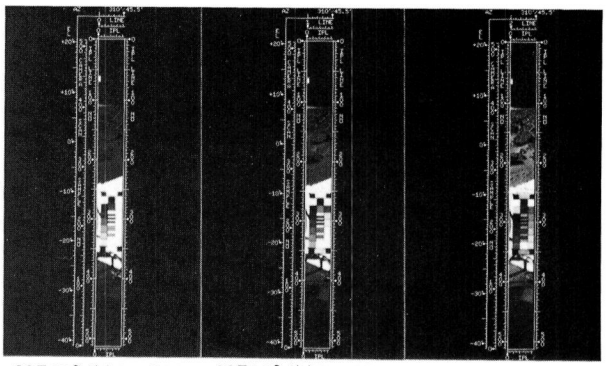
22F134/447 BB1 3/4



22F134/447 BB1 4/4

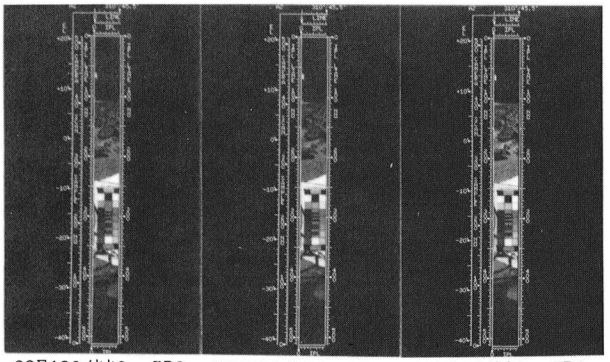


22F135/448 SUN 21F136/448 SUN 22F137/449 SUN

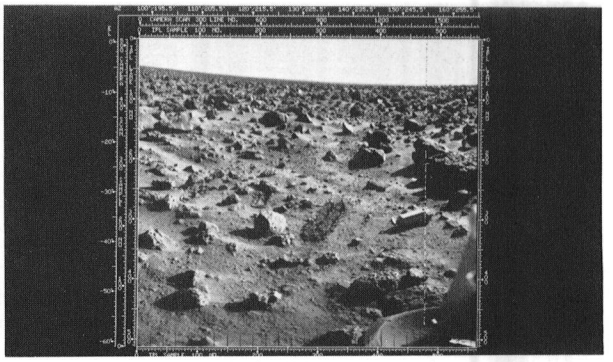


22F138/449 BLU 22F138/449 GRN 22F138/449 RED

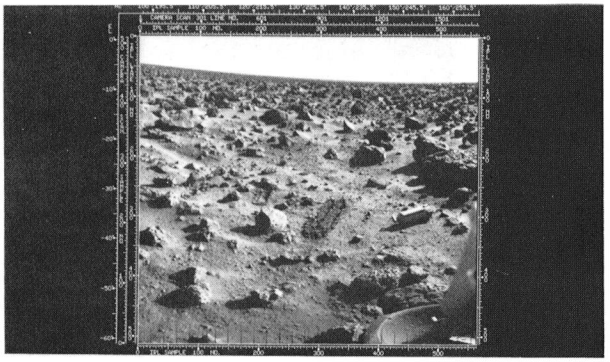
22F139/449–21F144/449



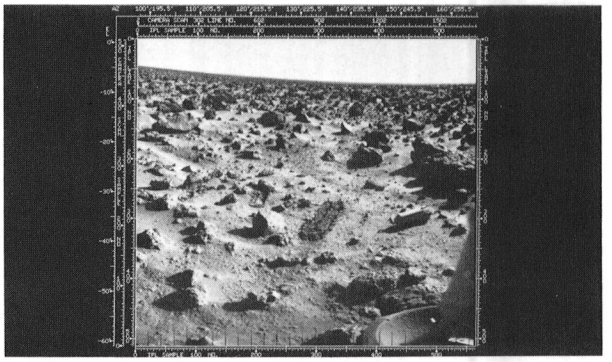
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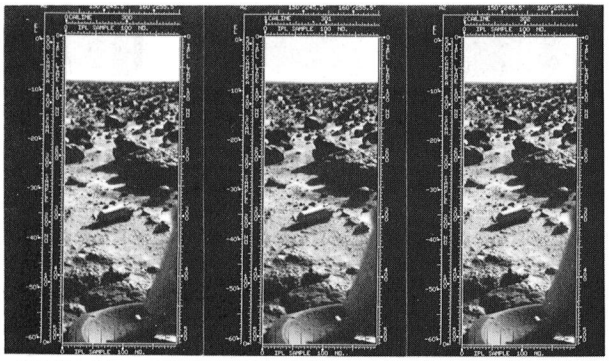
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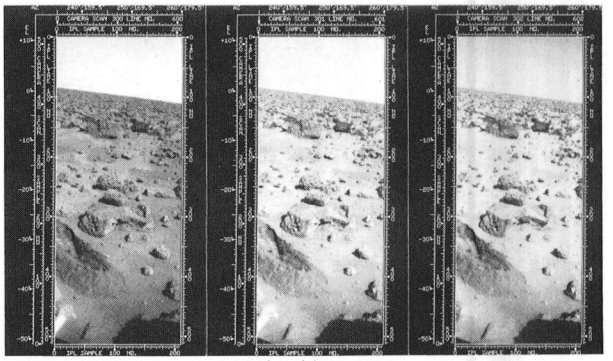
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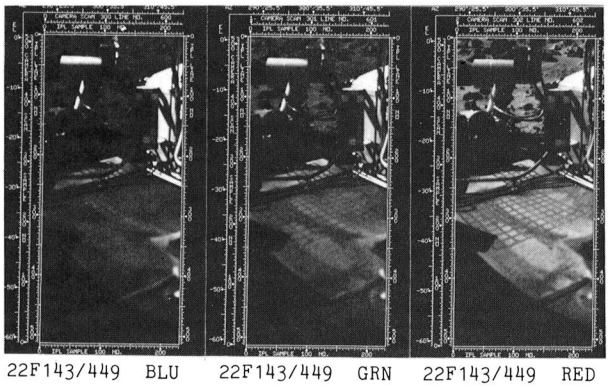
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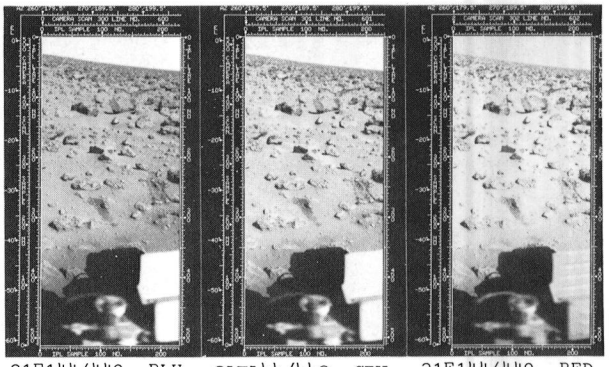
22F141/449 IR3 22F141/449 IR2 22F141/449 IR1



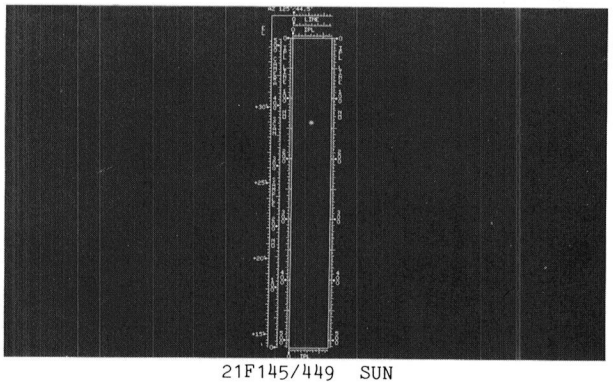
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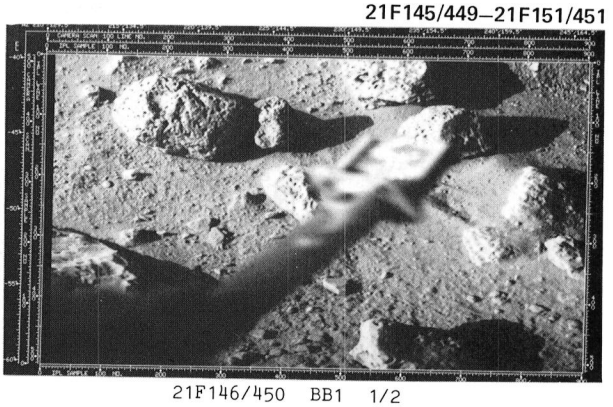
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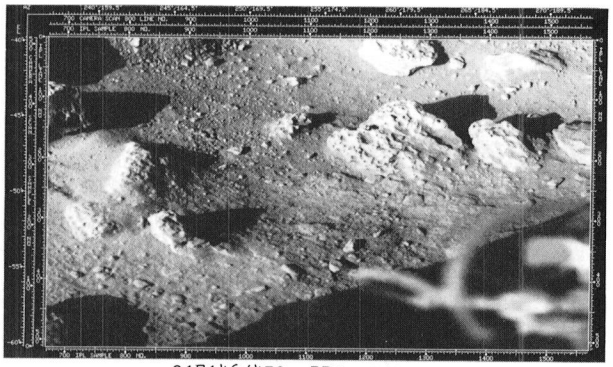
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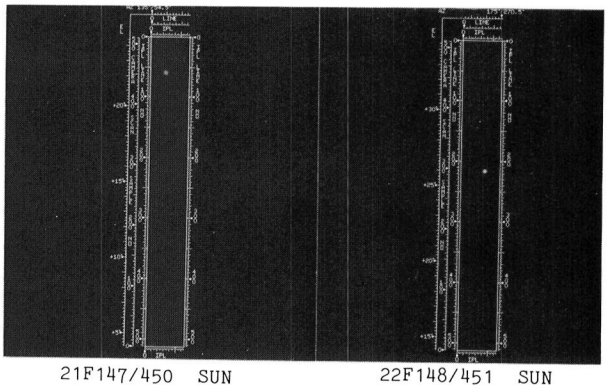
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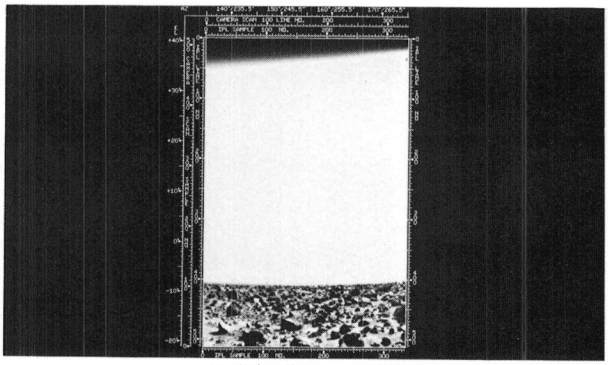
21F146/450 BB1 1/2



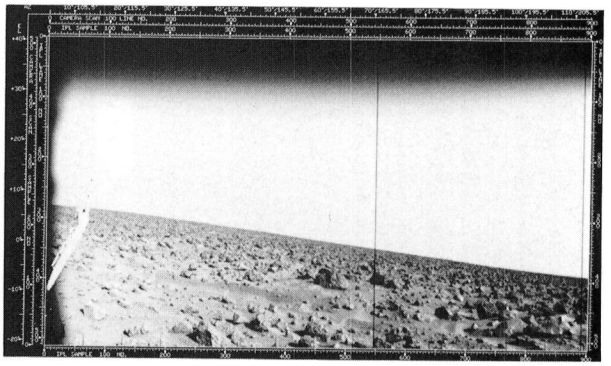
21F146/450 BB1 2/2



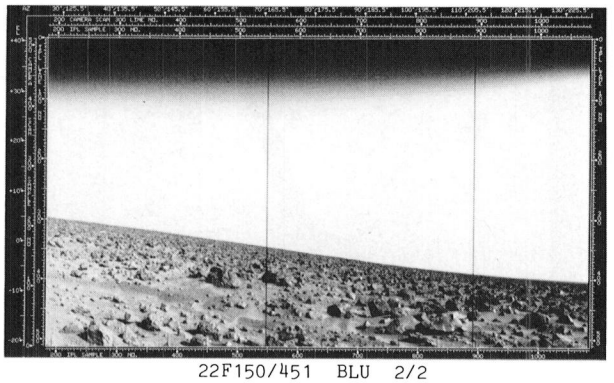
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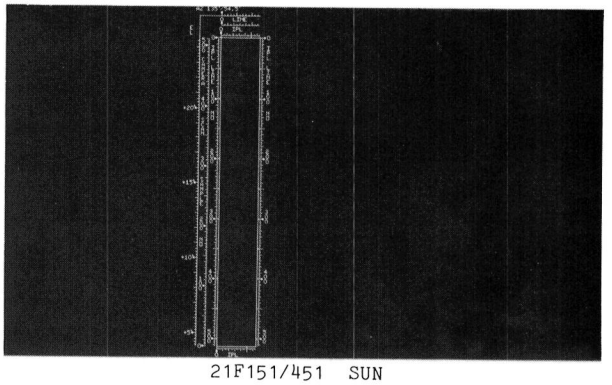
22F149/451 BLU



22F150/451 BLU 1/2



22F150/451 BLU 2/2



21F151/451 SUN

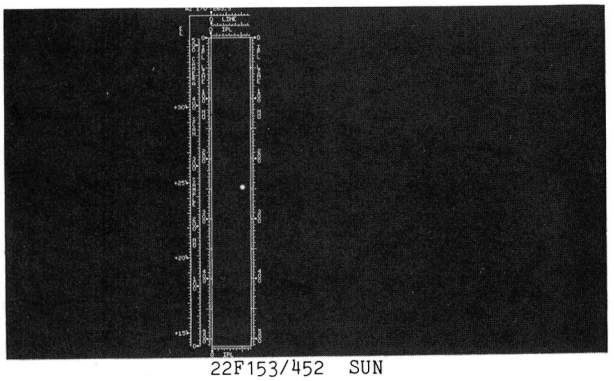
22F152/452–21F159/454



22F152/452 BB1 1/2



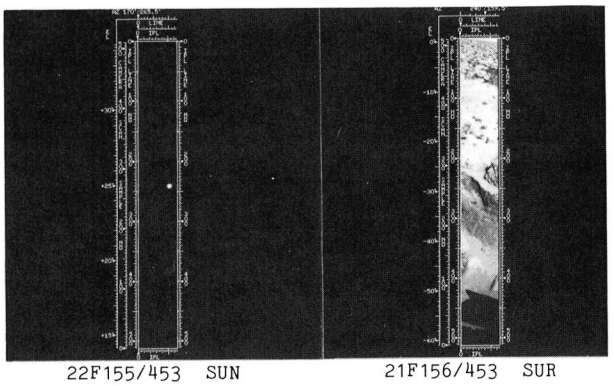
22F152/452 BB1 2/2



22F153/452 SUN

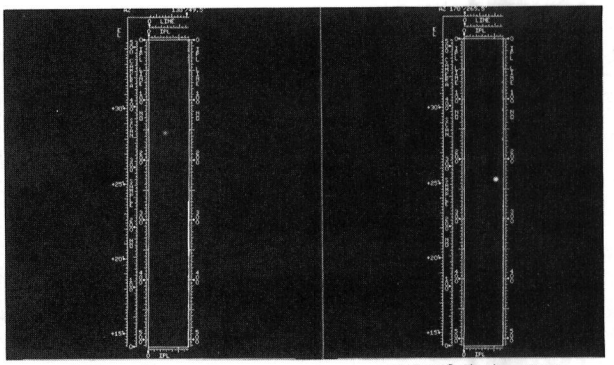


21F154/452 BB4



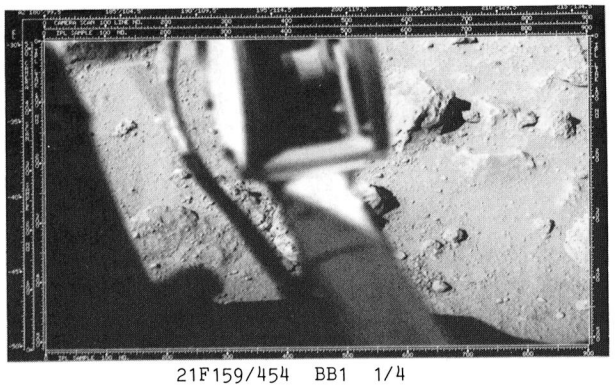
22F155/453 SUN

21F156/453 SUR



21F157/453 SUN

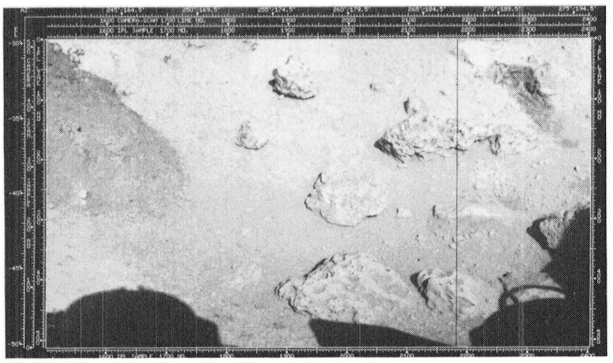
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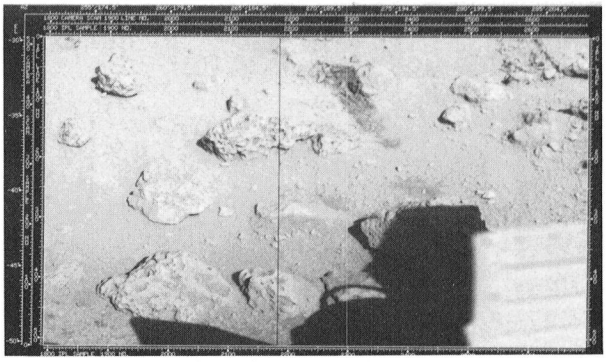
21F159/454 BB1 1/4



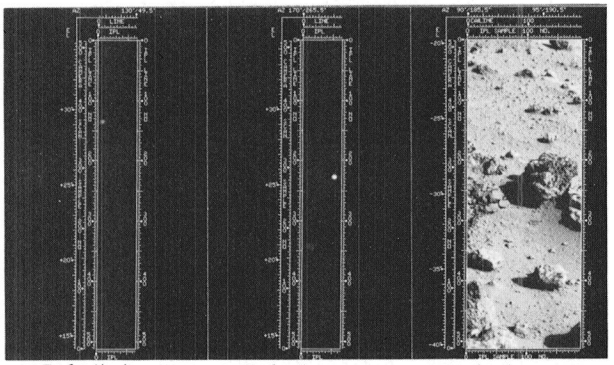
21F159/454 BB1 2/4



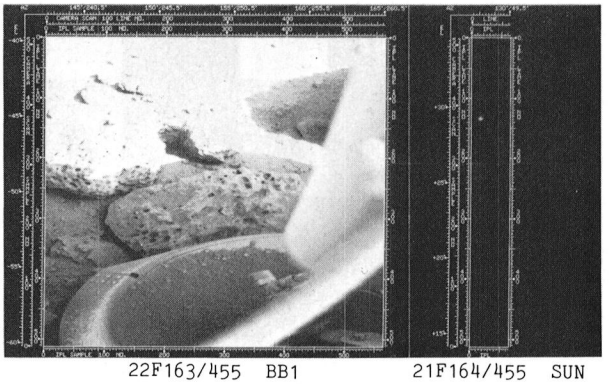
21F159/454 BB1 3/4



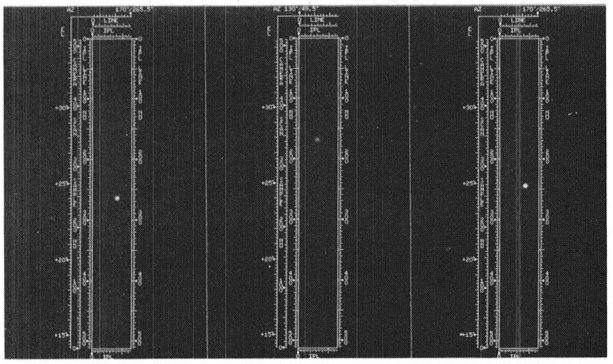
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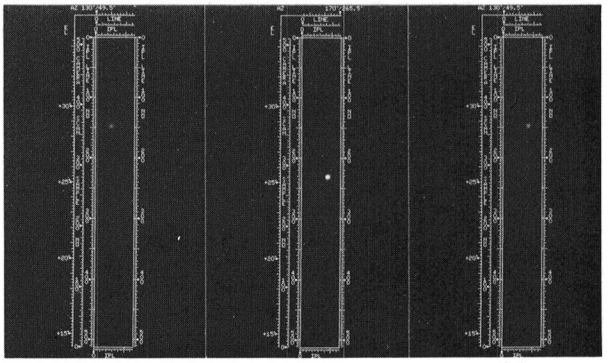
21F160/454 SUN 22F161/455 SUN 22F162/455 BB2



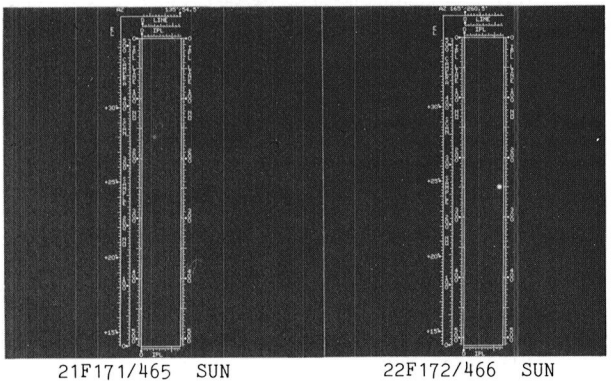
22F163/455 BB1 21F164/455 SUN



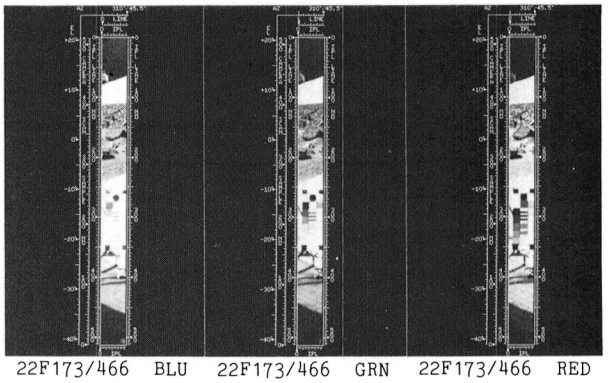
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21F168/461 SUN 22F169/463 SUN 21F170/463 SUN

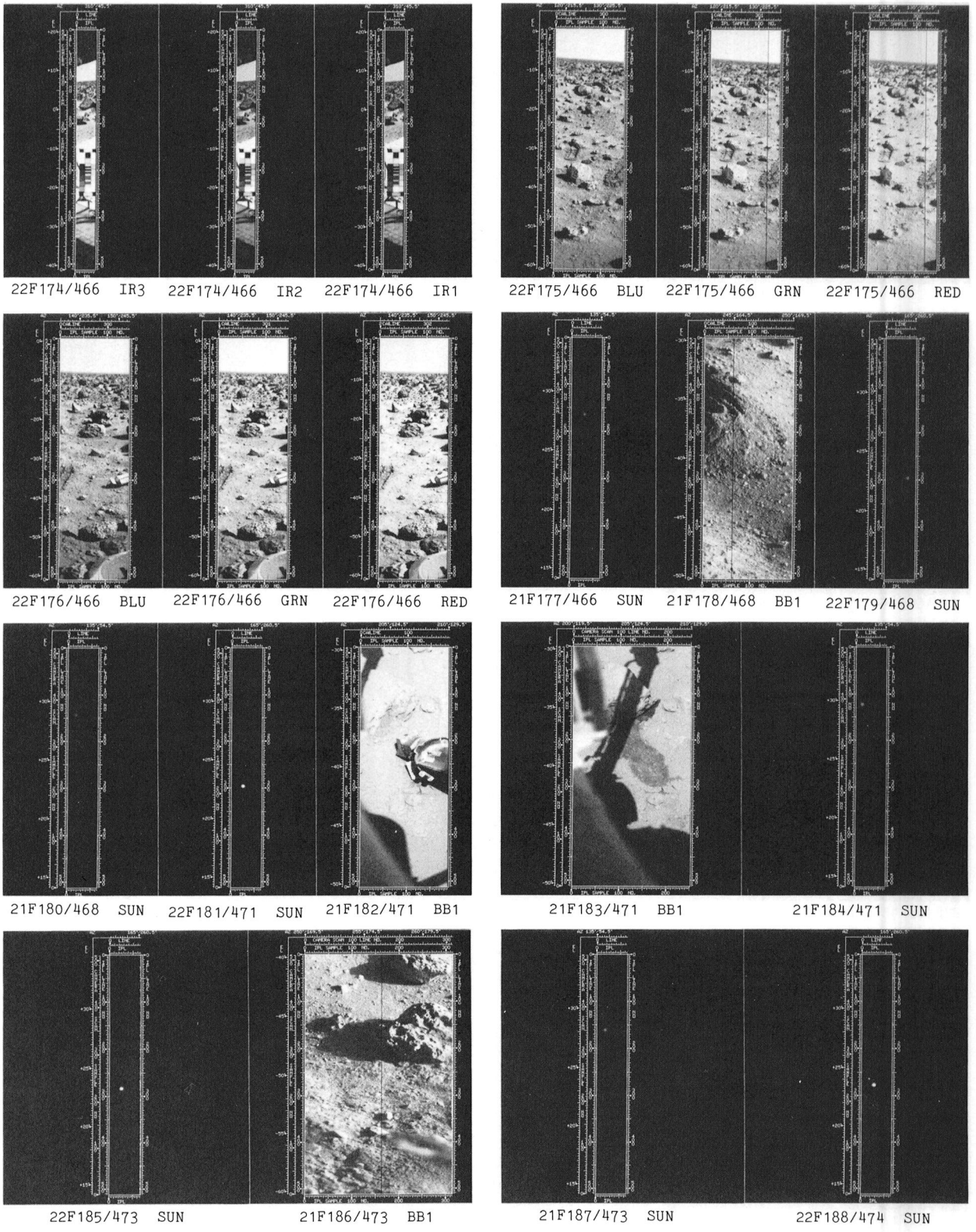


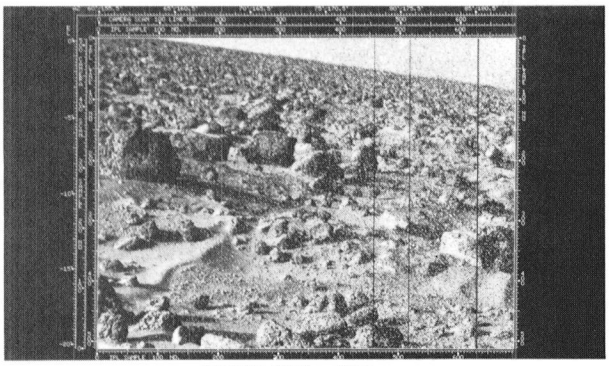
21F171/465 SUN 22F172/466 SUN



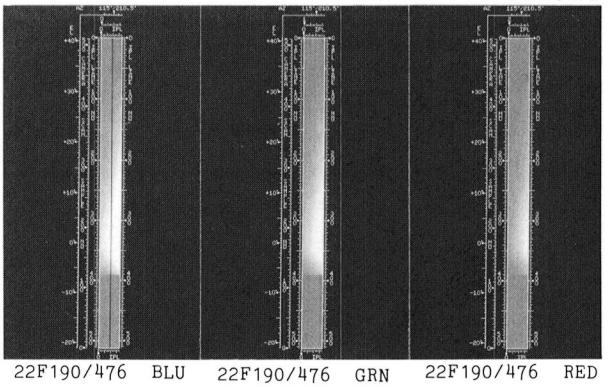
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22F174/466–22F188/474

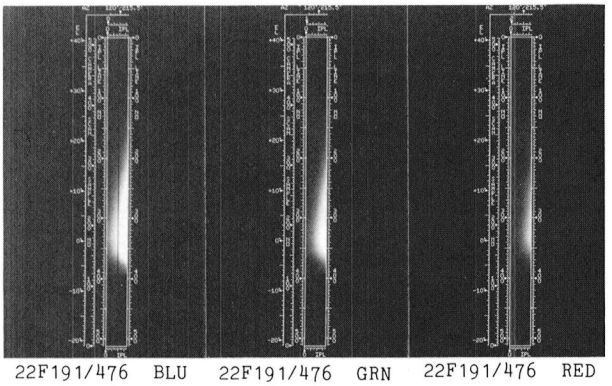




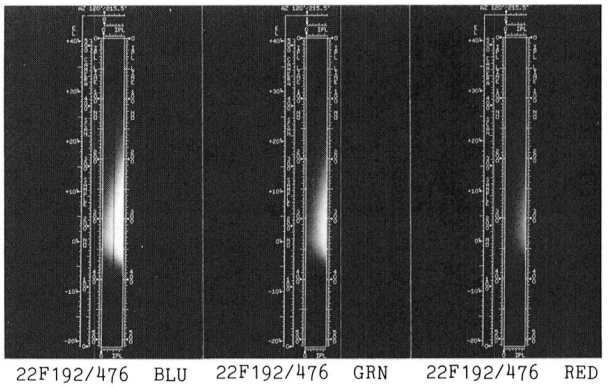
22F189/474 BB3



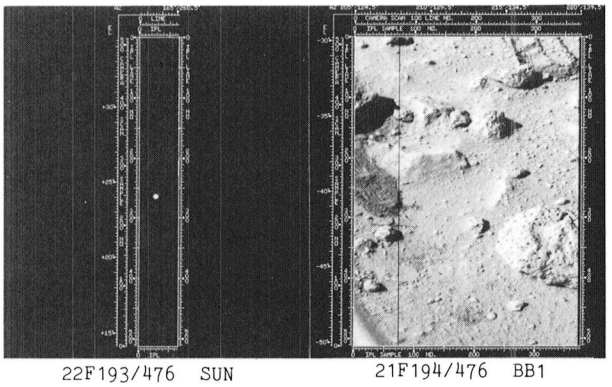
22F190/476 BLU 22F190/476 GRN 22F190/476 RED



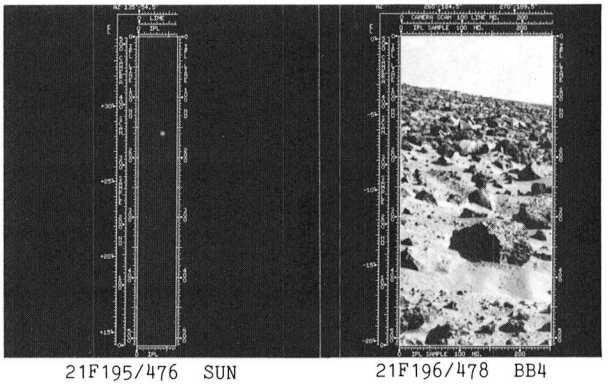
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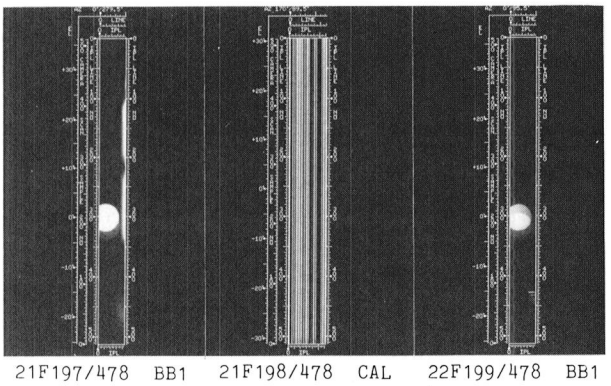
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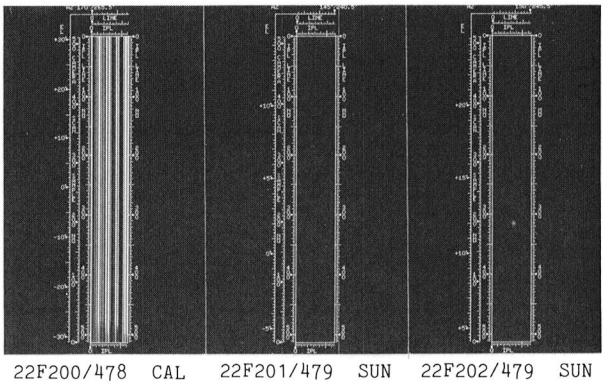
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21F195/476 SUN 21F196/478 BB4

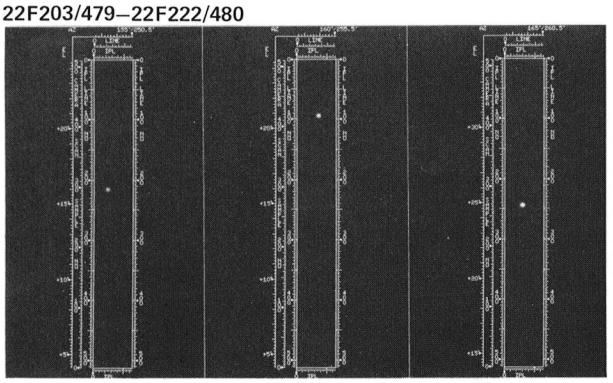


21F197/478 BB1 21F198/478 CAL 22F199/478 BB1

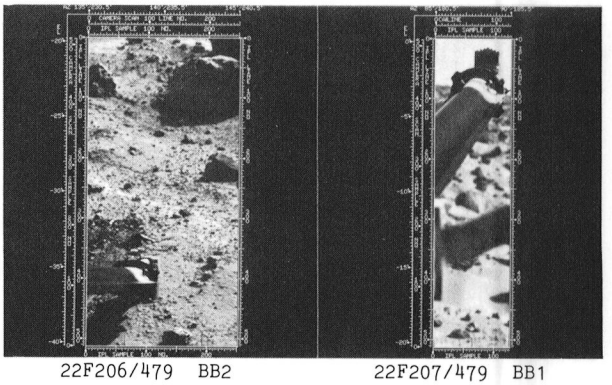


22F200/478 CAL 22F201/479 SUN 22F202/479 SUN

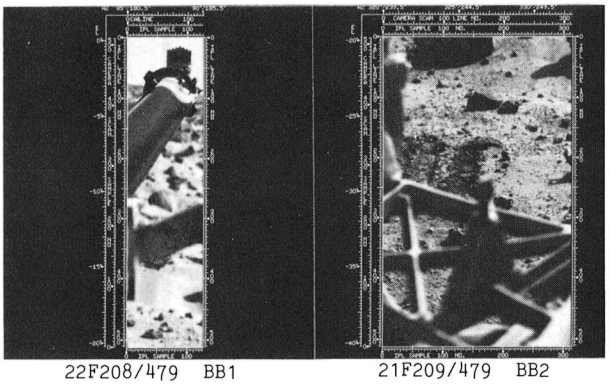
22F203/479–22F222/480



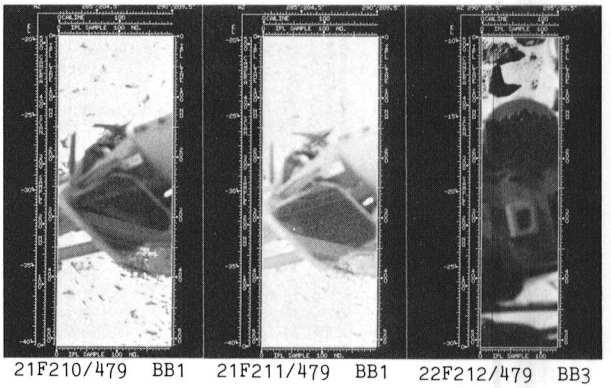
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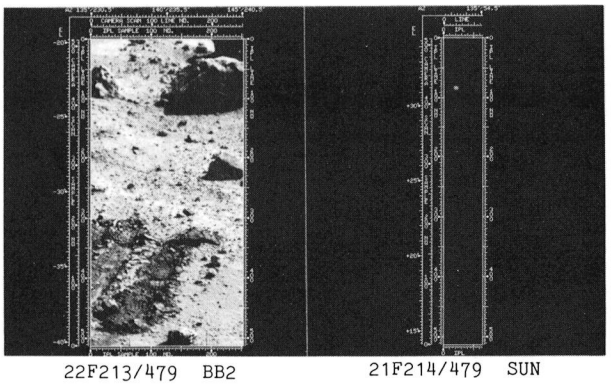
22F206/479 BB2 22F207/479 BB1



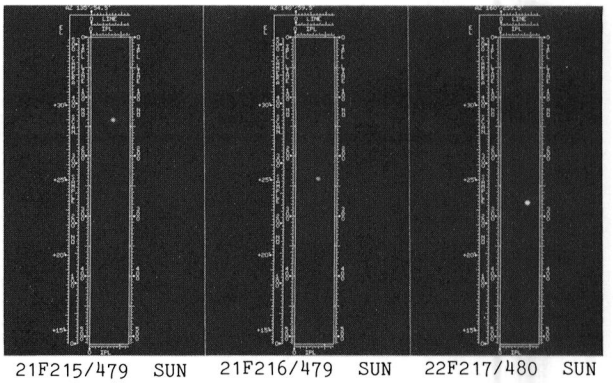
22F208/479 BB1 21F209/479 BB2



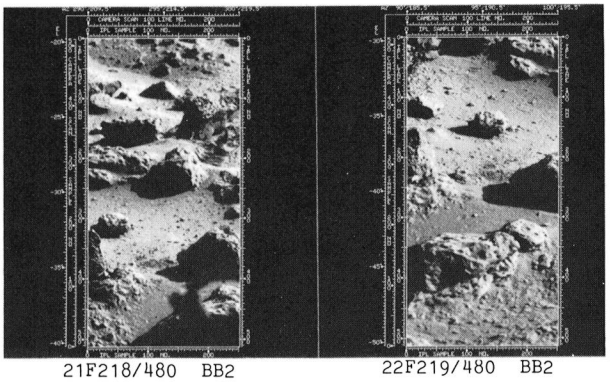
21F210/479 BB1 21F211/479 BB1 22F212/479 BB3



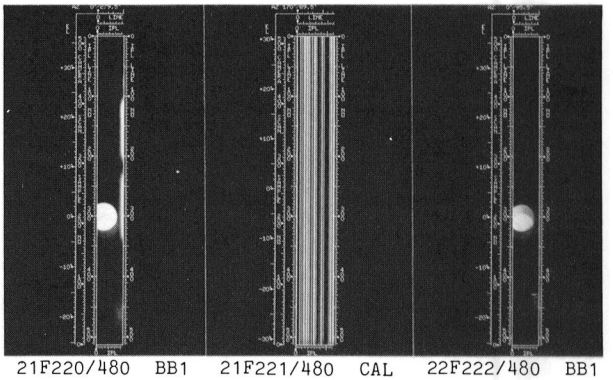
22F213/479 BB2 21F214/479 SUN



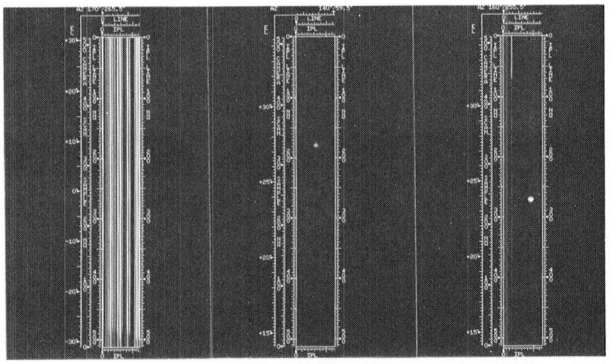
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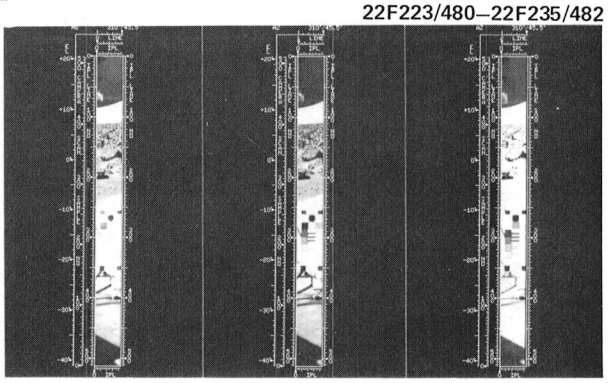
21F218/480 BB2 22F219/480 BB2



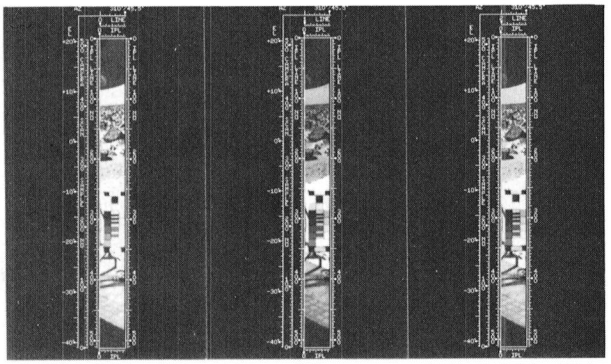
21F220/480 BB1 21F221/480 CAL 22F222/480 BB1



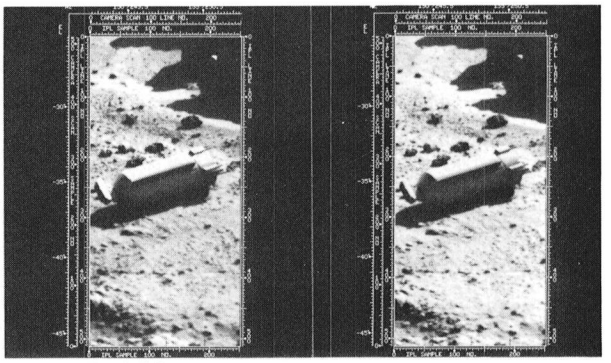
22F223/480 CAL 21F224/480 SUN 22F225/481 SUN



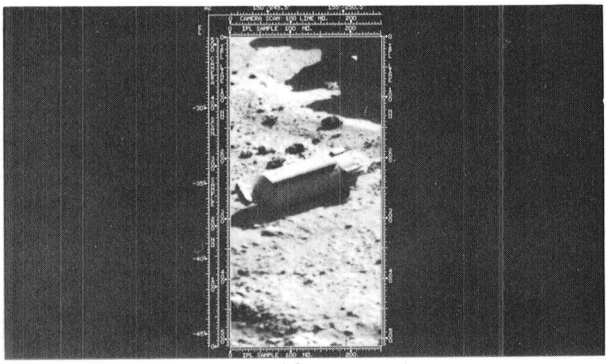
22F226/481 BLU 22F226/481 GRN 22F226/481 RED



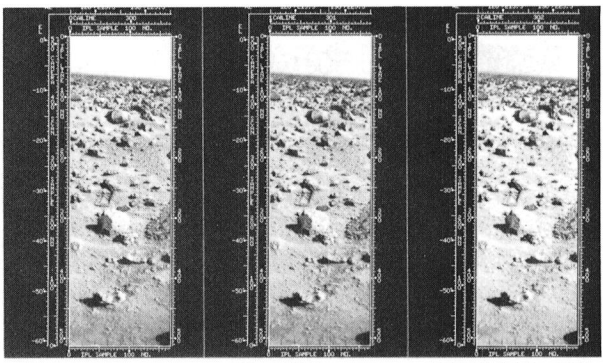
22F227/481 IR3 22F227/481 IR2 22F227/481 IR1



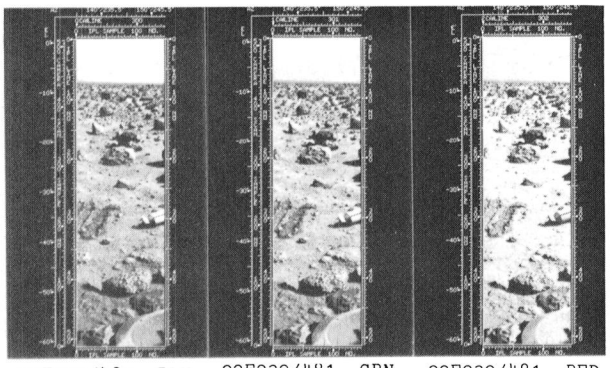
22F228/481 BLU 22F229/481 RED



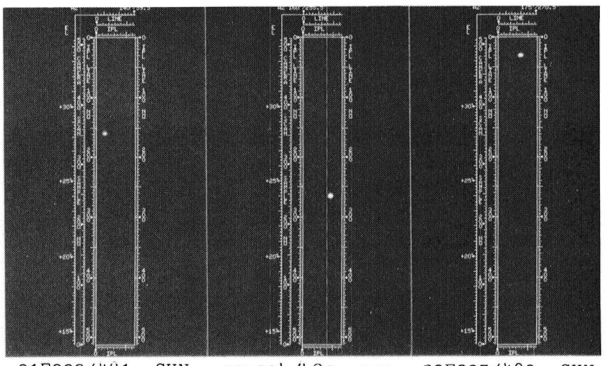
22F230/481 GRN



22F231/481 BLU 22F231/481 GRN 22F231/481 RED

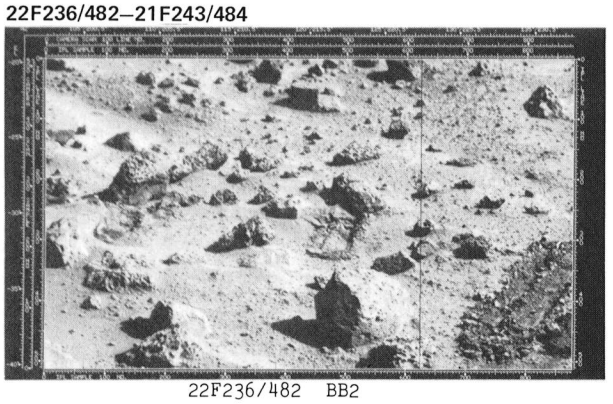


22F232/481 BLU 22F232/481 GRN 22F232/481 RED

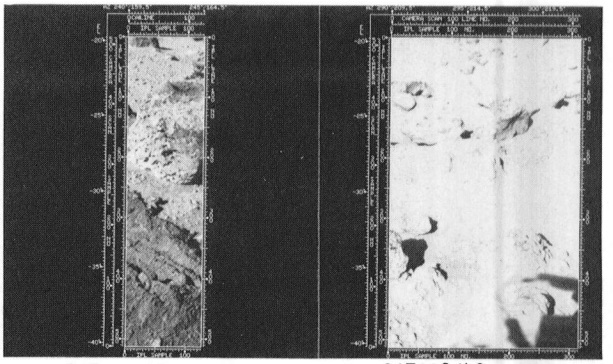


21F233/481 SUN 22F234/482 SUN 22F235/482 SUN

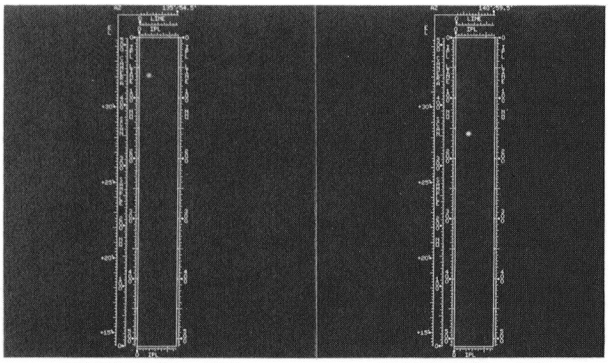
22F236/482–21F243/484



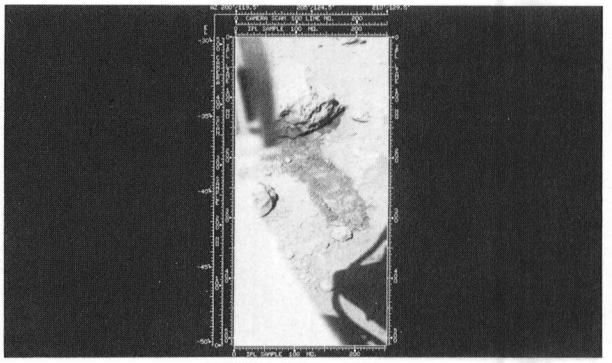
22F236/482 BB2



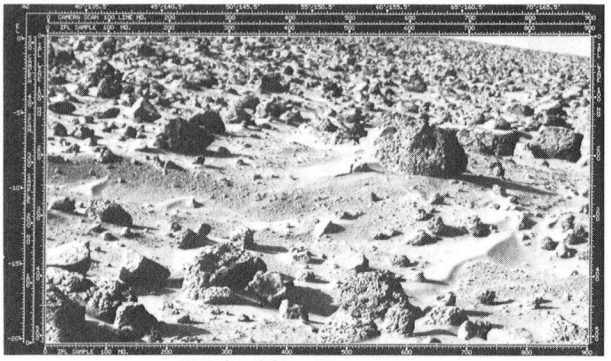
21F237/482 BB2 21F238/482 BB2



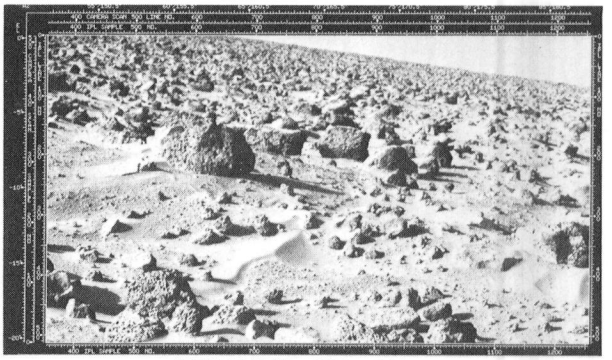
21F239/482 SUN 21F240/482 SUN



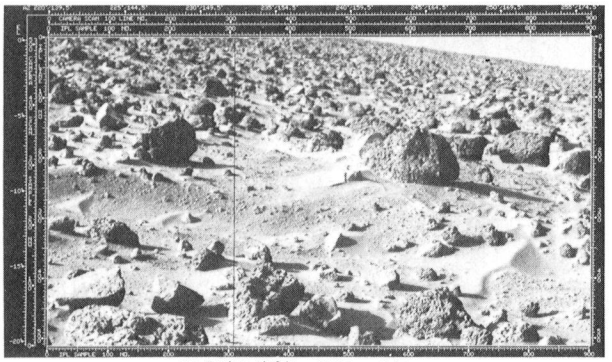
21F241/483 BB1



22F242/484 BB3 1/2



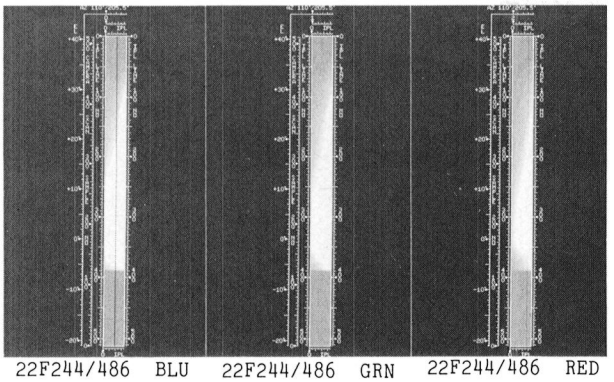
22F242/484 BB3 2/2



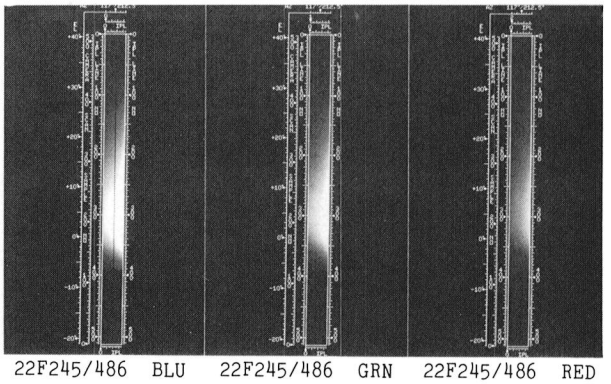
21F243/484 BB3 1/2



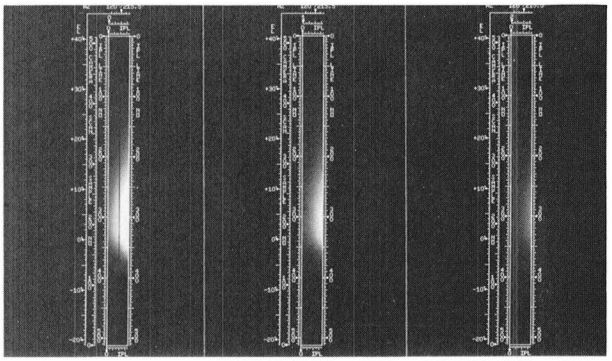
21F243/484 BB3 2/2



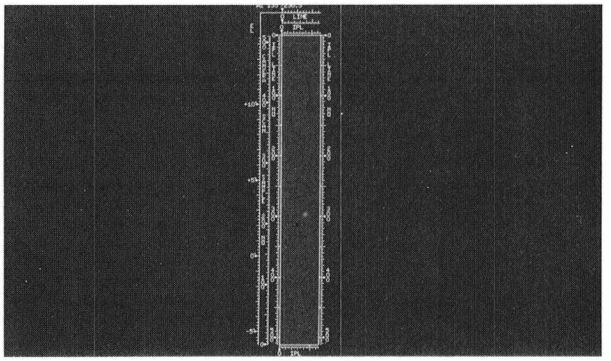
22F244/486 BLU 22F244/486 GRN 22F244/486 RED



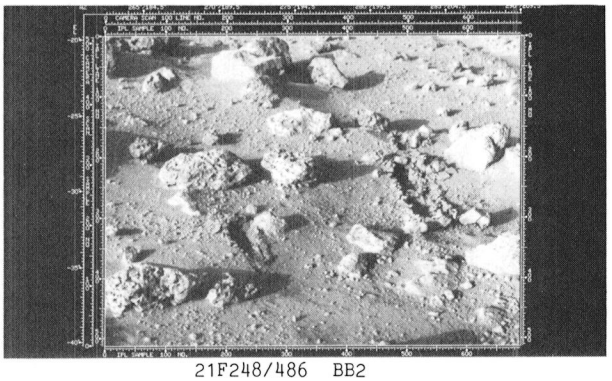
22F245/486 BLU 22F245/486 GRN 22F245/486 RED



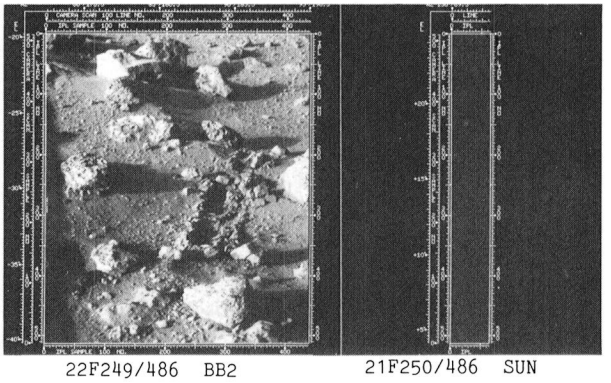
22F246/486 BLU 22F246/486 GRN 22F246/486 RED



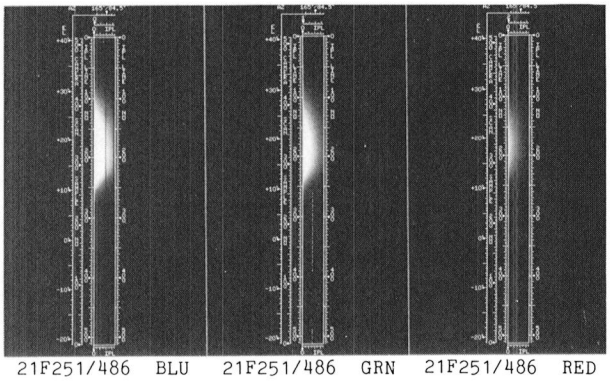
22F247/486 SUN



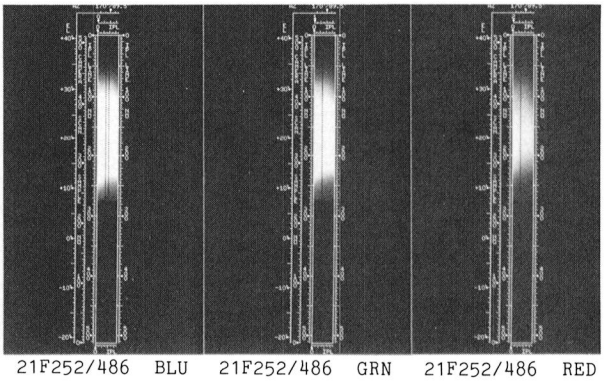
21F248/486 BB2



22F249/486 BB2 21F250/486 SUN

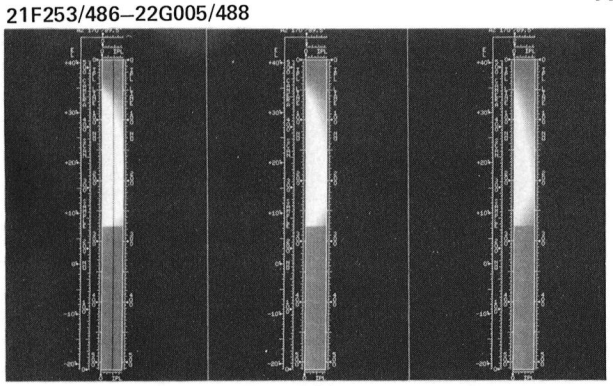


21F251/486 BLU 21F251/486 GRN 21F251/486 RED

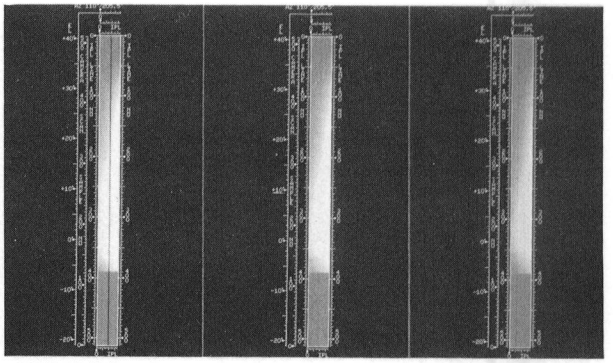


21F252/486 BLU 21F252/486 GRN 21F252/486 RED

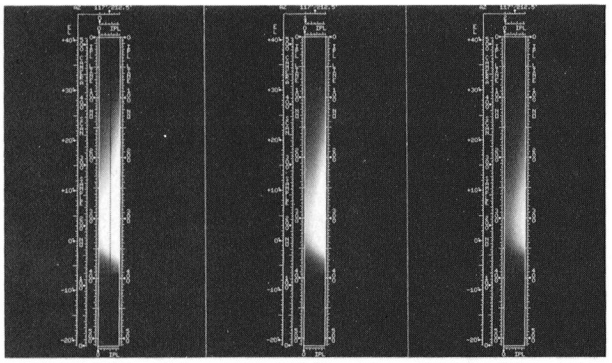
21F253/486–22G005/488



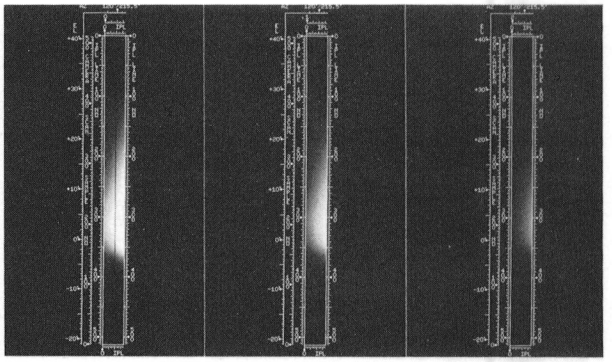
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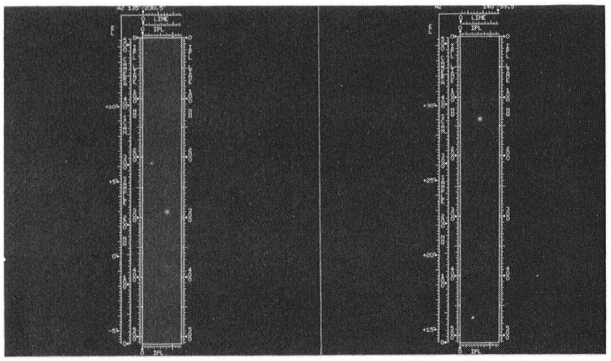
22F254/487 BLU 22F254/487 GRN 22F254/487 RED



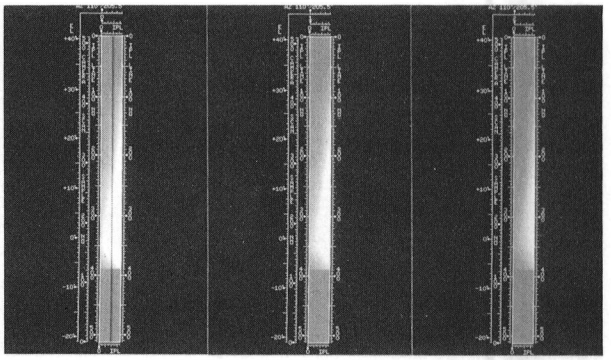
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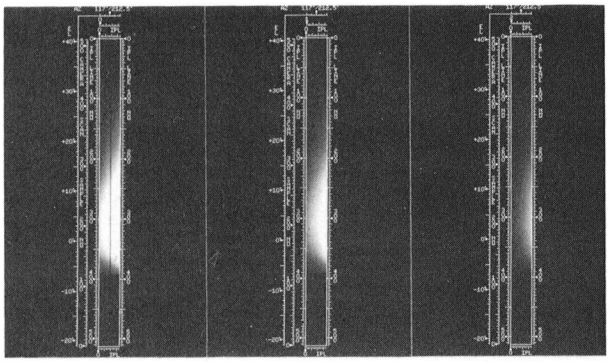
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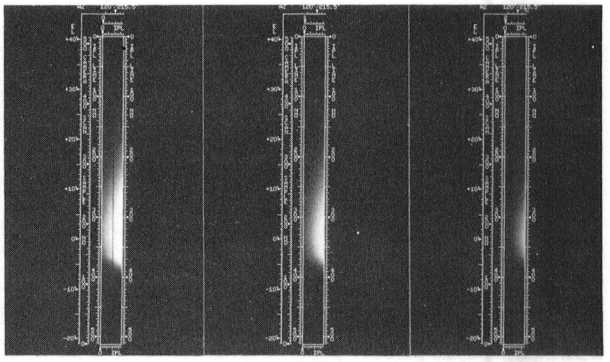
22G001/487 SUN 21G002/487 SUN



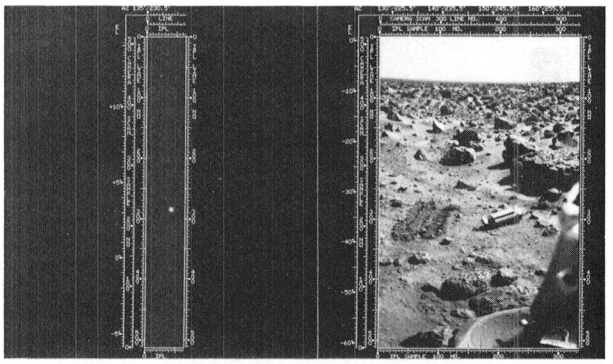
22G003/488 BLU 22G003/488 GRN 22G003/488 RED



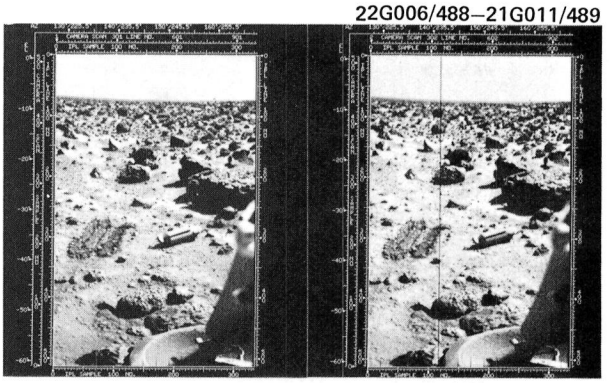
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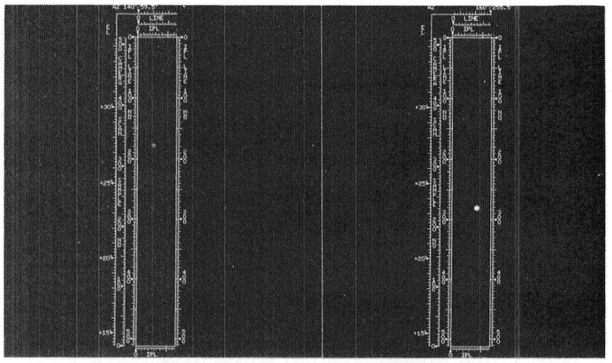
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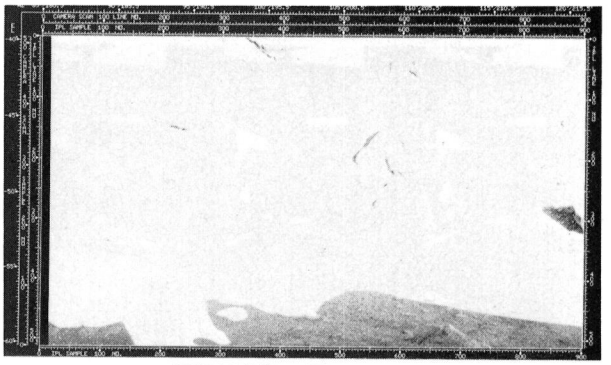
22G006/488 SUN 22G007/488 BLU



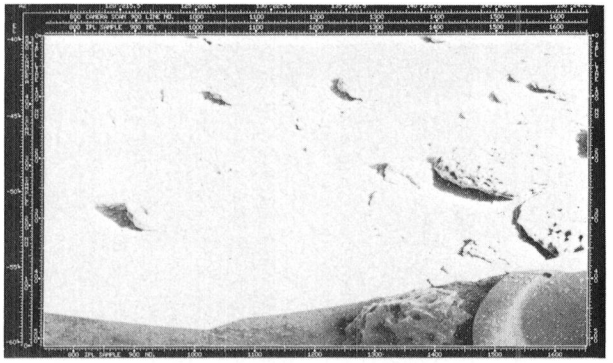
22G007/488 GRN 22G007/488 RED



21G008/488 SUN 22G009/489 SUN



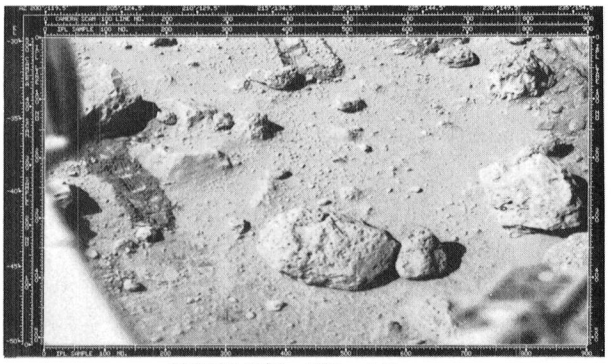
22G010/489 BB1 1/3



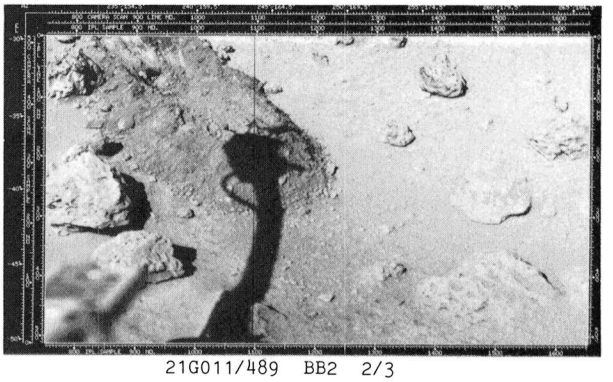
22G010/489 BB1 2/3



22G010/489 BB1 3/3



21G011/489 BB2 1/3

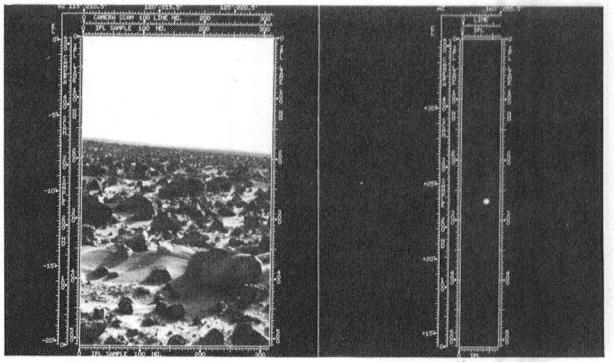


21G011/489 BB2 2/3

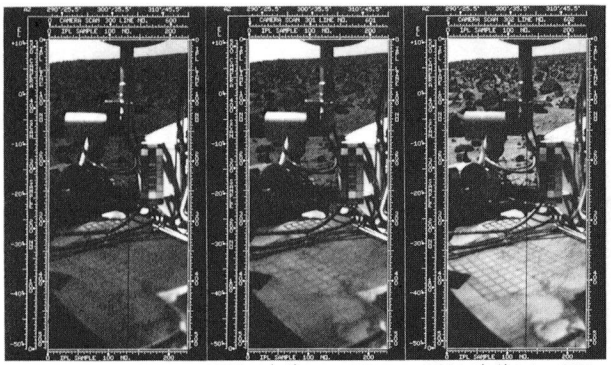
21G011/489–21G029/501



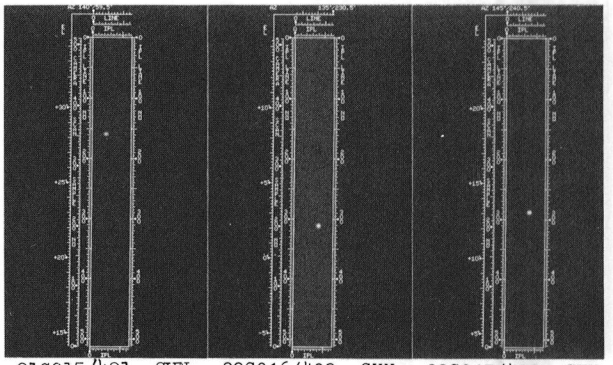
21G011/489 BB2 3/3



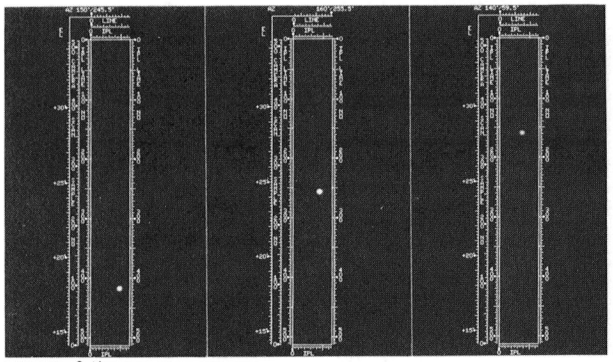
22G012/491 BB4 22G013/491 SUN



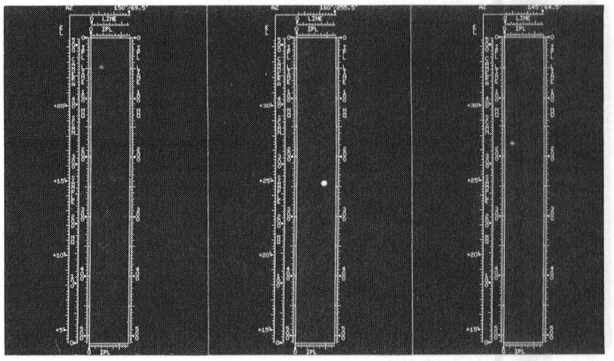
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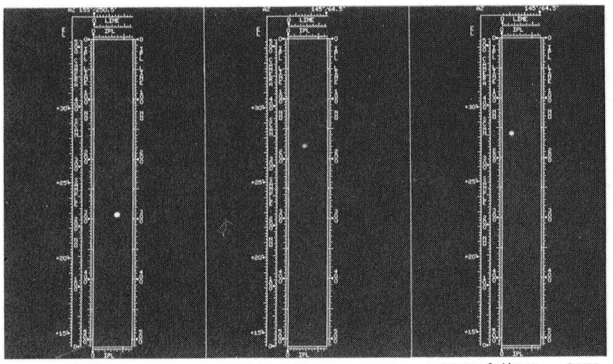
21G015/491 SUN 22G016/493 SUN 22G017/493 SUN



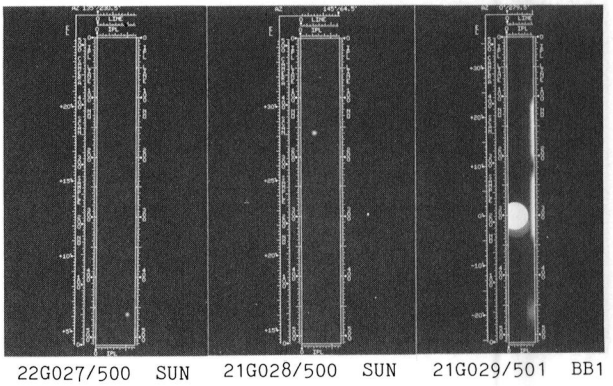
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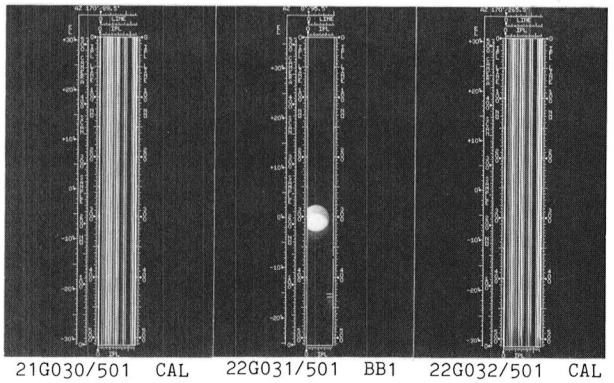
21G021/493 SUN 22G022/495 SUN 21G023/495 SUN



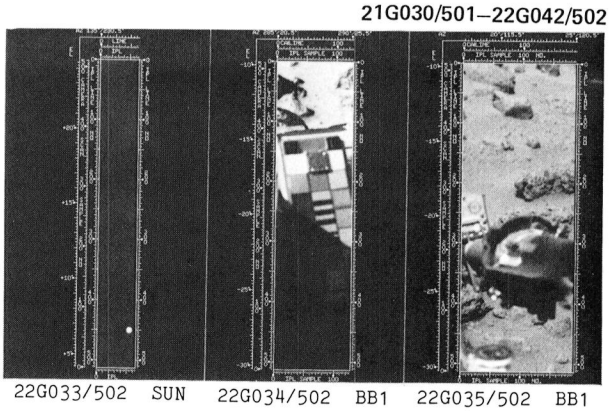
22G024/497 SUN 21G025/497 SUN 21G026/499 SUN



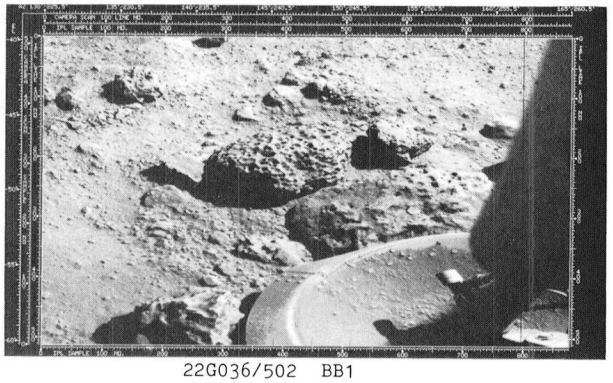
22G027/500 SUN 21G028/500 SUN 21G029/501 BB1



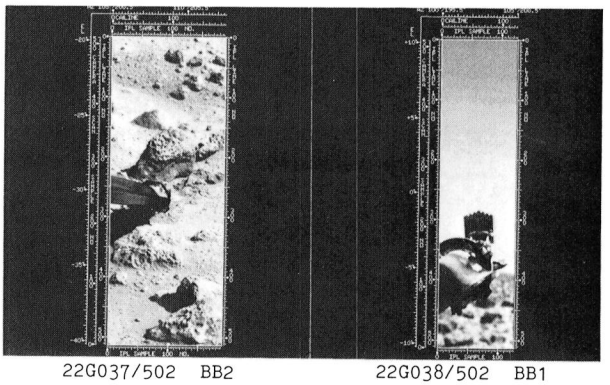
21G030/501 CAL 22G031/501 BB1 22G032/501 CAL



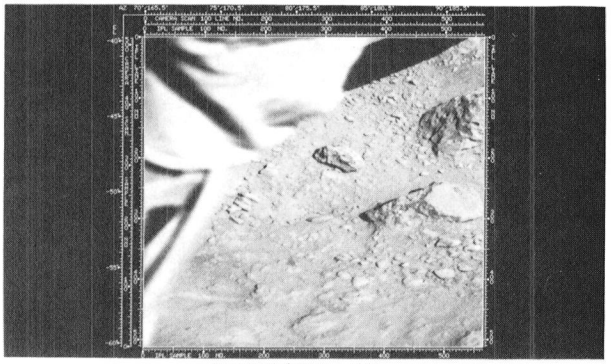
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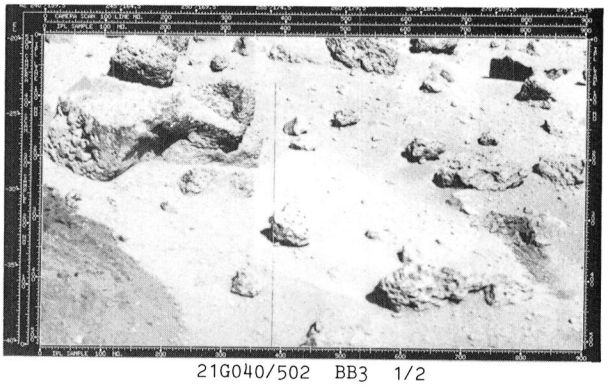
22G036/502 BB1



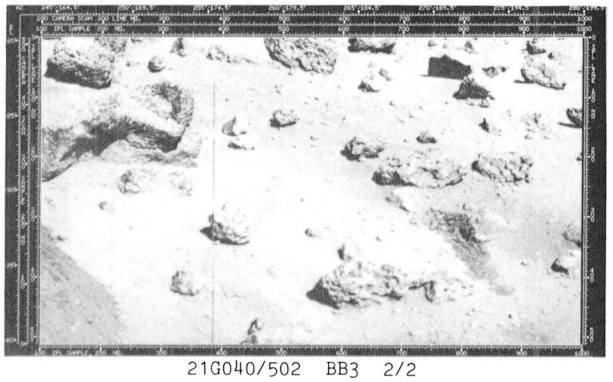
22G037/502 BB2 22G038/502 BB1



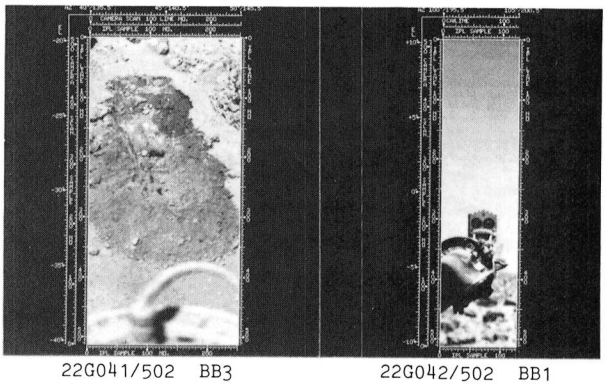
22G039/502 BB1



21G040/502 BB3 1/2

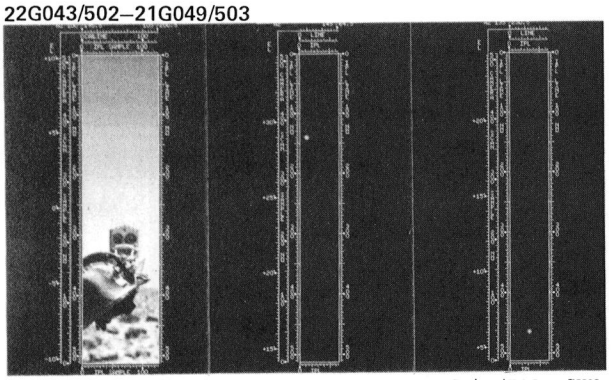


21G040/502 BB3 2/2

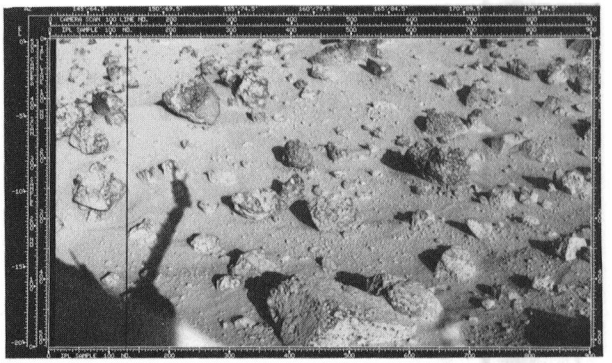


22G041/502 BB3 22G042/502 BB1

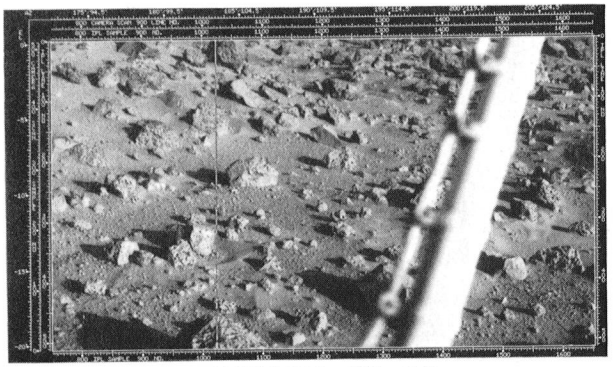
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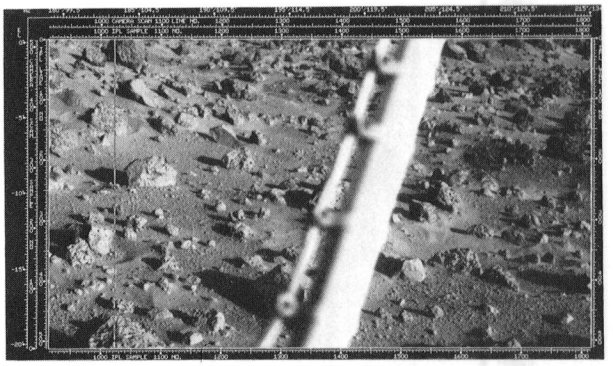
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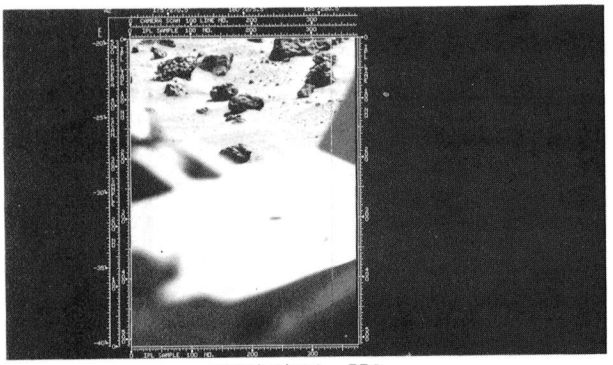
21G046/503 BB3 1/3



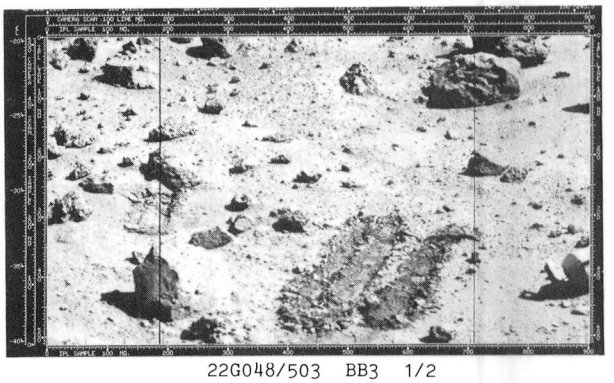
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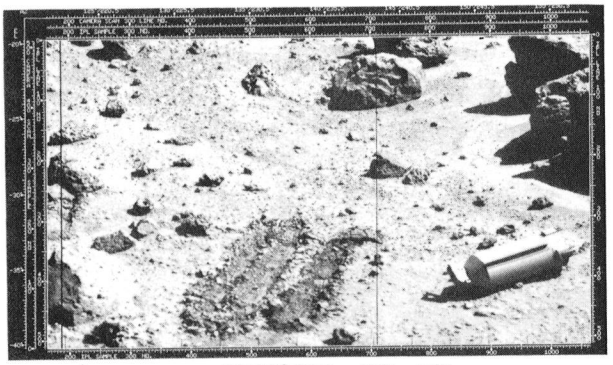
21G046/503 BB3 3/3



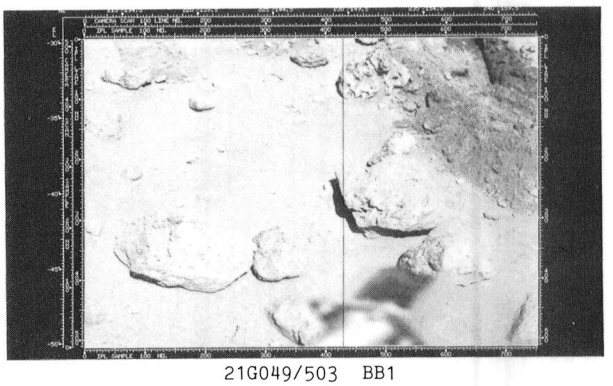
22G047/503 BB3



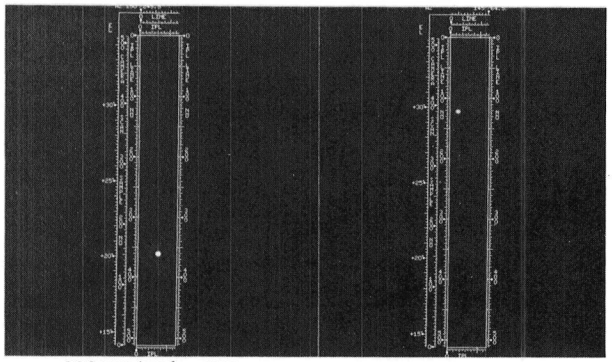
22G048/503 BB3 1/2



22G048/503 BB3 2/2



21G049/503 BB1

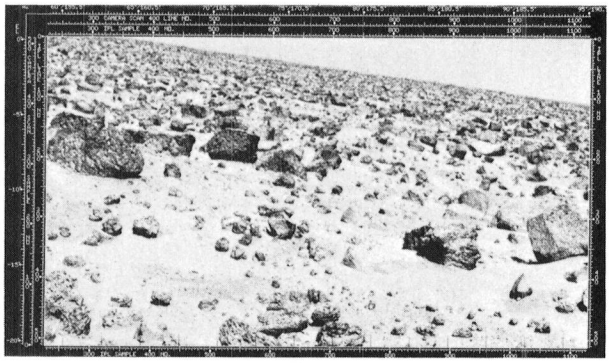


22G050/506 SUN

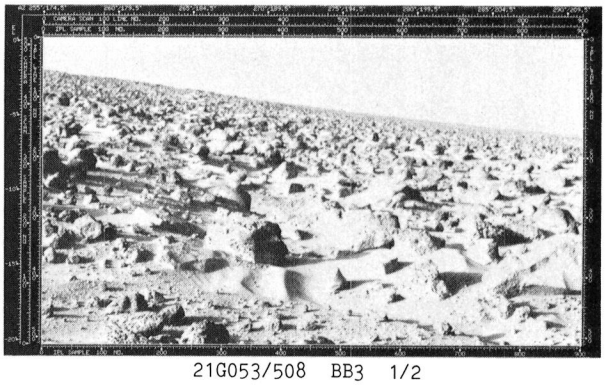
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22G052/508 BB3 1/2



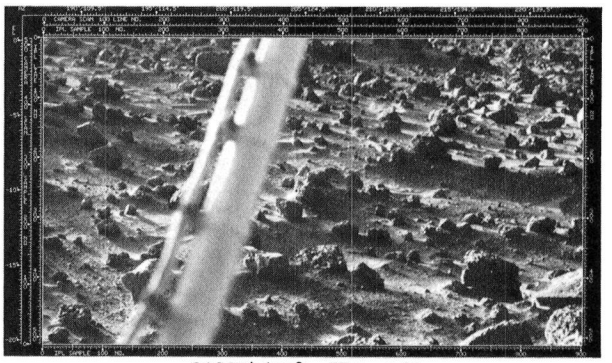
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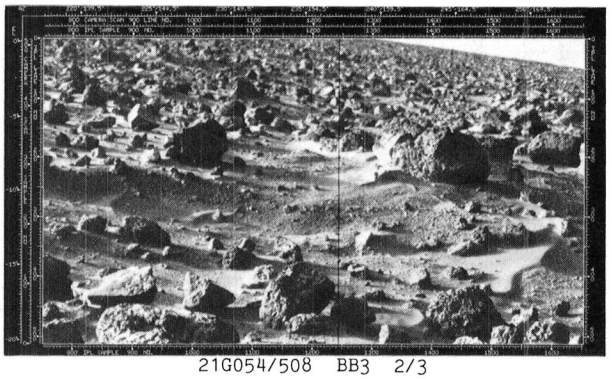
21G053/508 BB3 1/2



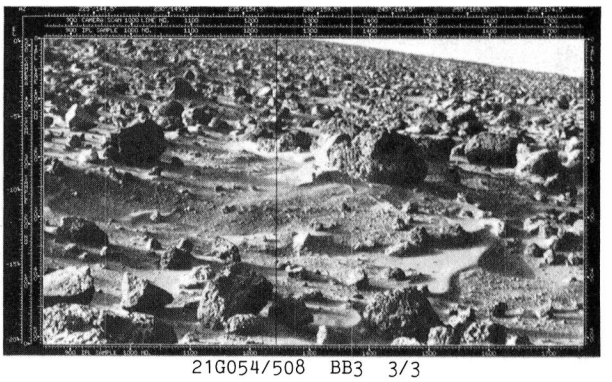
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21G054/508 BB3 1/3

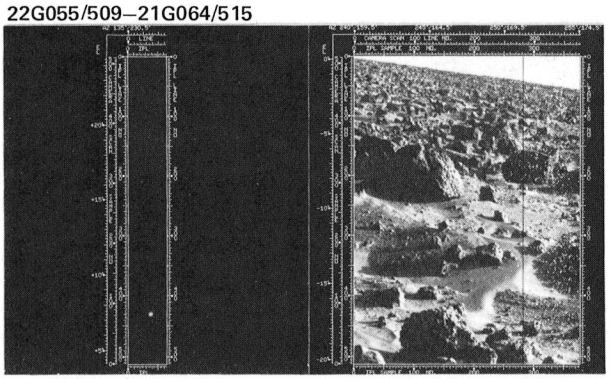


21G054/508 BB3 2/3



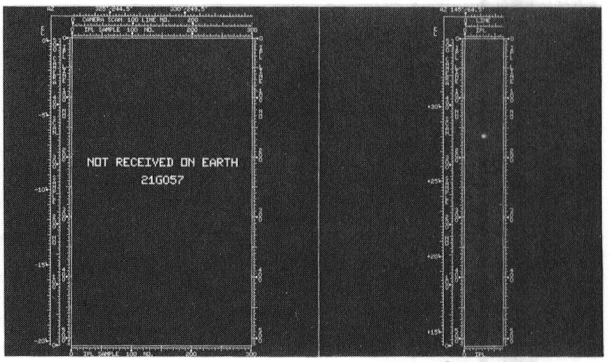
21G054/508 BB3 3/3

22G055/509–21G064/515



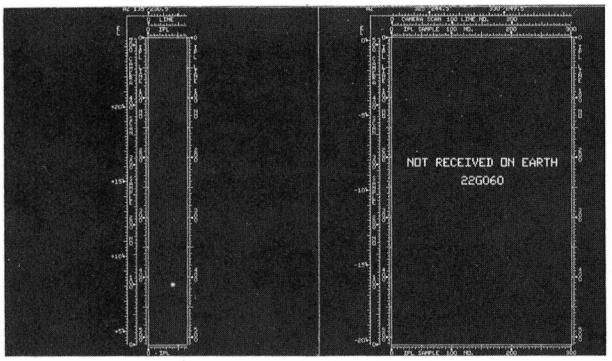
22G055/509 SUN

21G056/509 BB4



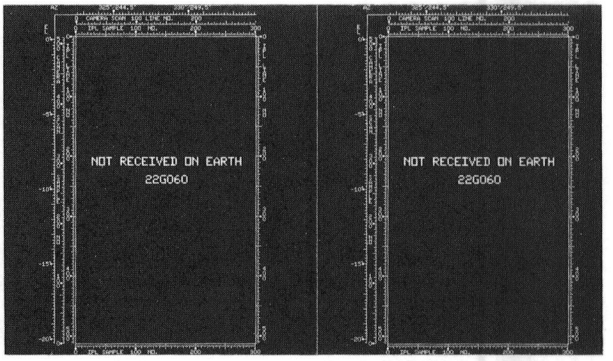
21G057/509 SUN

21G058/511 SUN



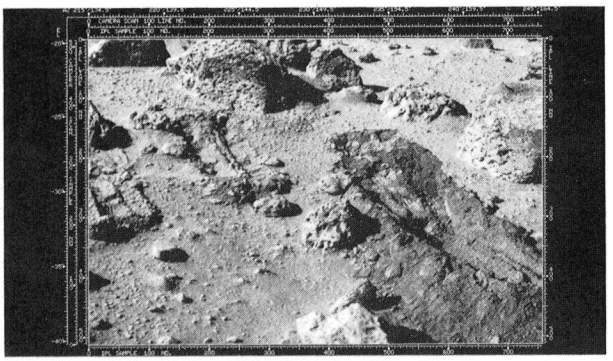
22G059/512 SUN

22G060/512 BLU

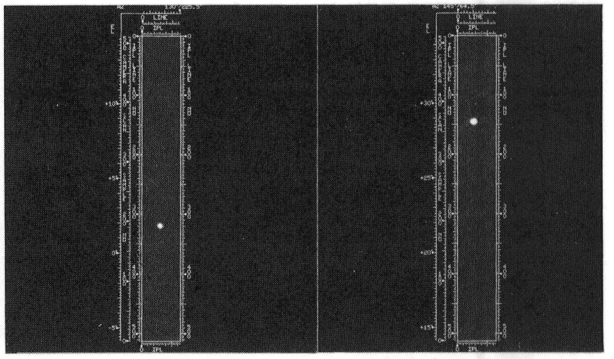


22G060/512 GRN

22G060/512 RED

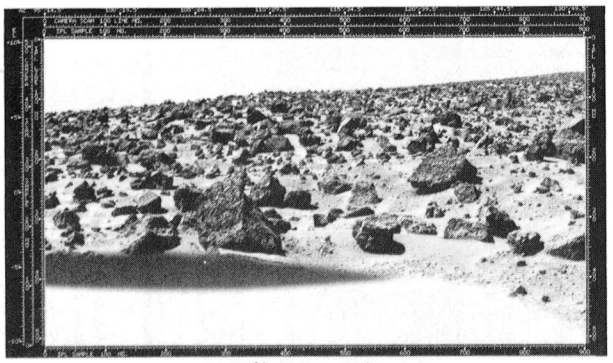


21G061/512 BB2



22G062/514 SUN

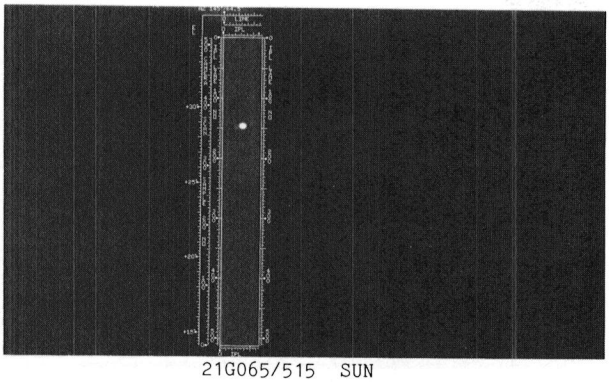
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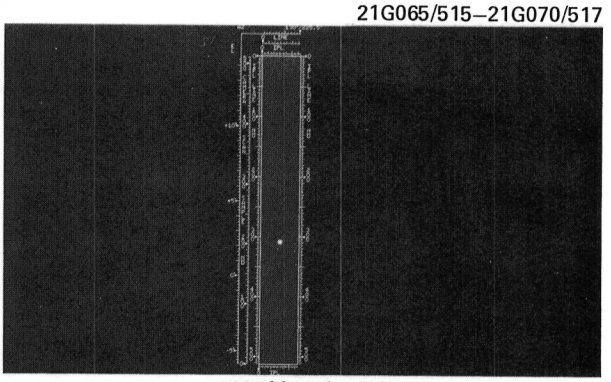
21G064/515 BB4 1/2



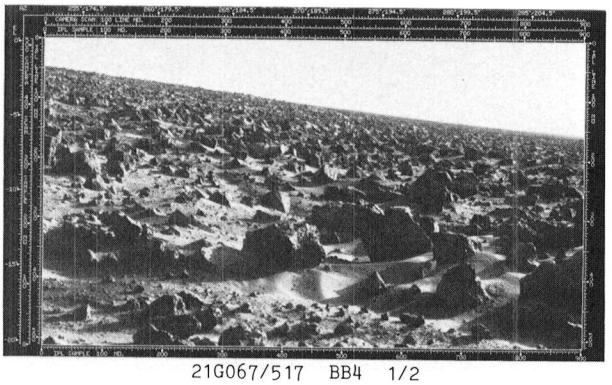
21G064/515 BB4 2/2



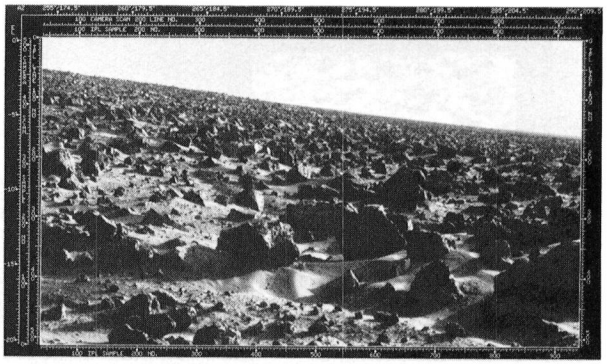
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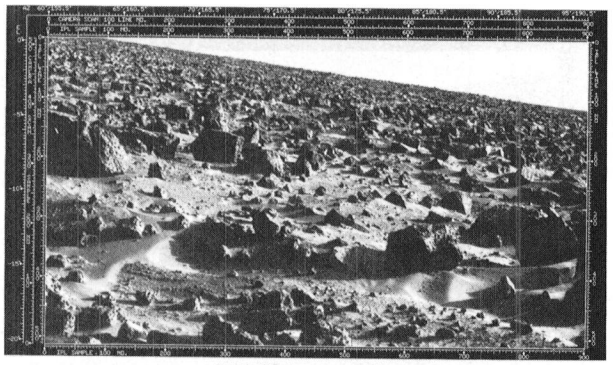
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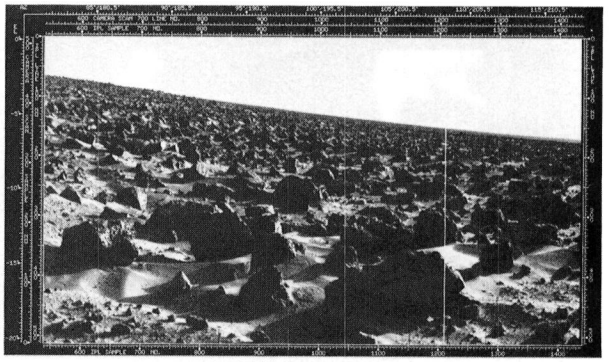
21G067/517 BB4 1/2



21G067/517 BB4 2/2



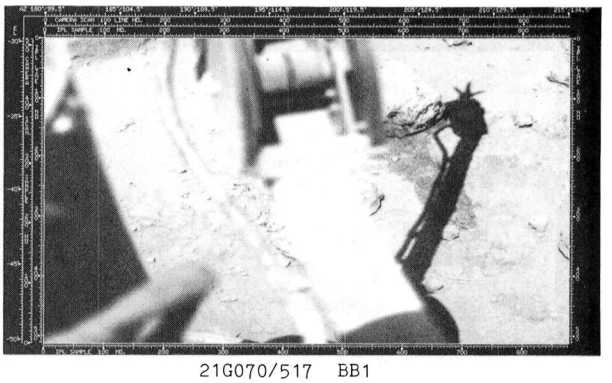
22G068/517 BB4 1/2



22G068/517 BB4 2/2

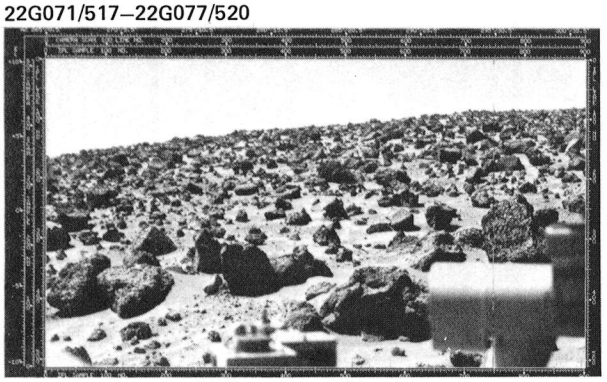


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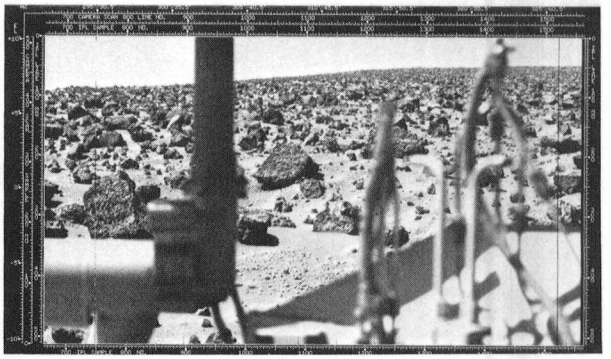


21G070/517 BB1

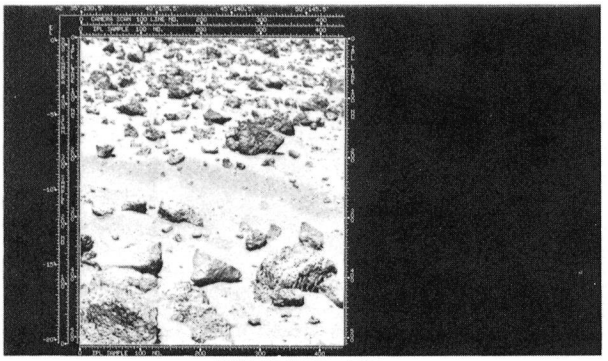
22G071/517–22G077/520



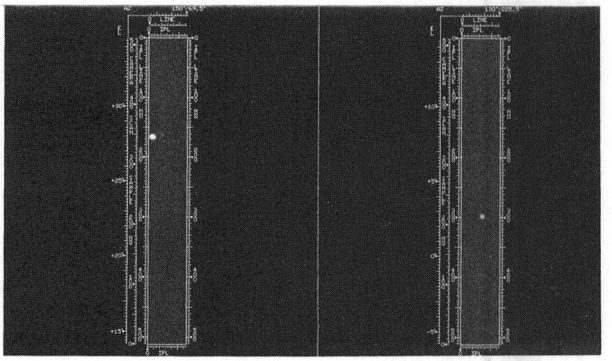
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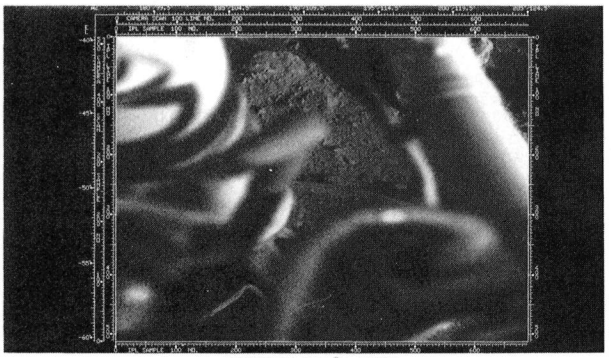
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22G072/517 BB3



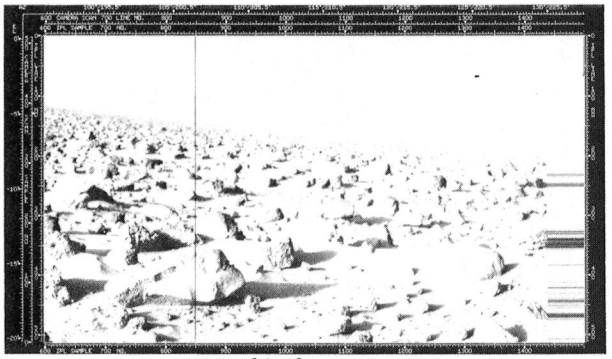
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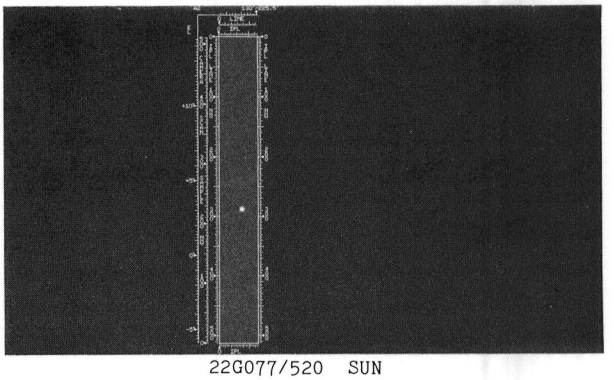
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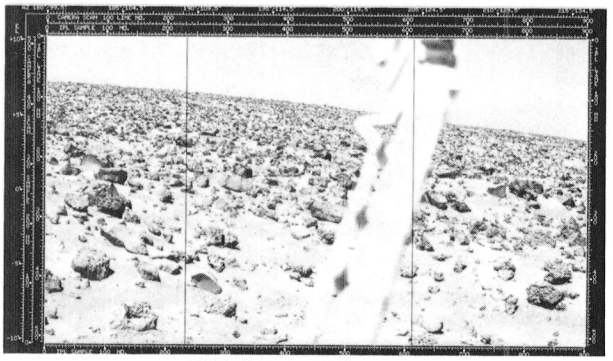
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22G076/518 BB3 2/2



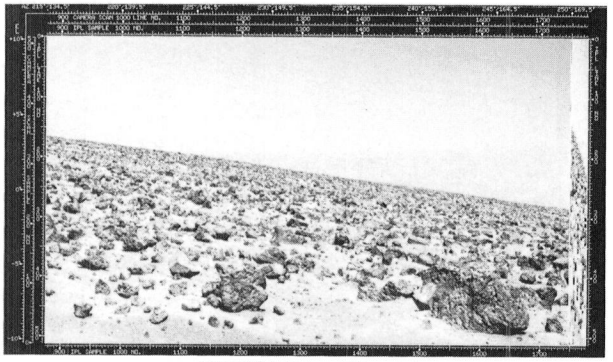
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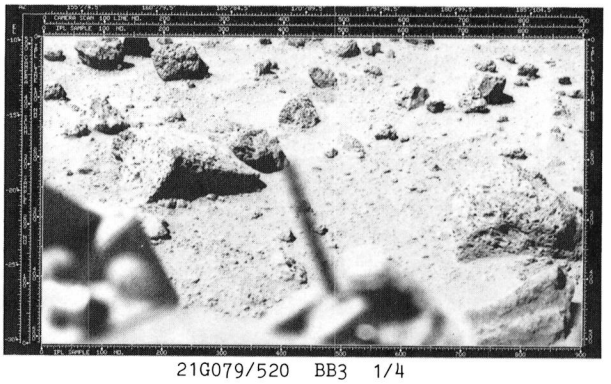
21G078/520 BB4 1/3



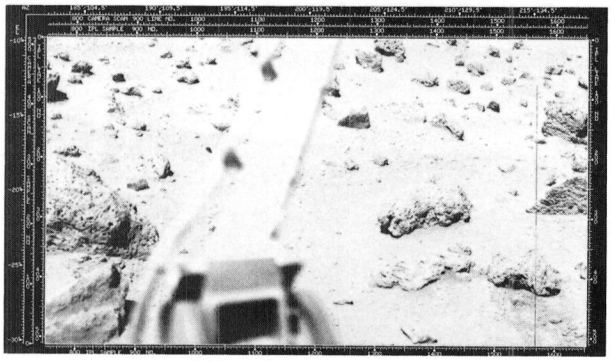
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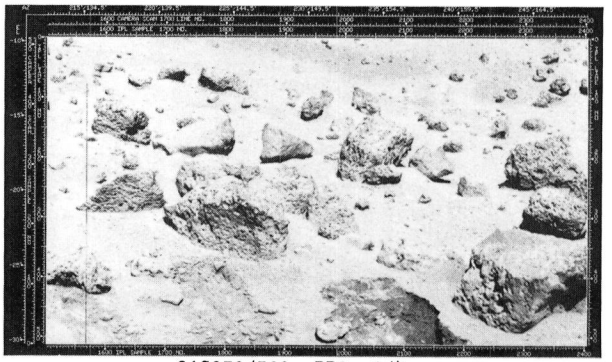
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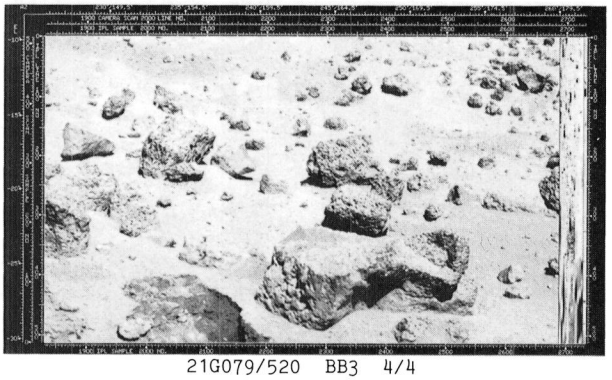
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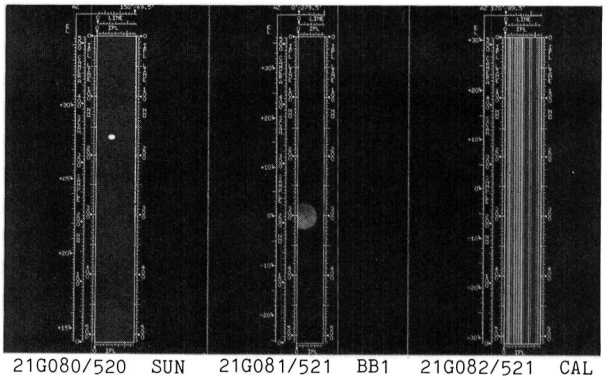
21G079/520 BB3 2/4



21G079/520 BB3 3/4

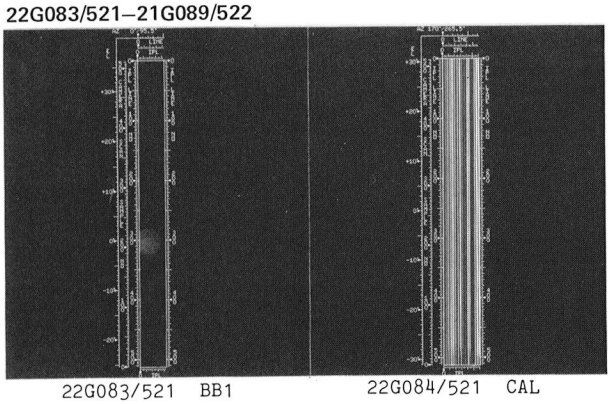


21G079/520 BB3 4/4

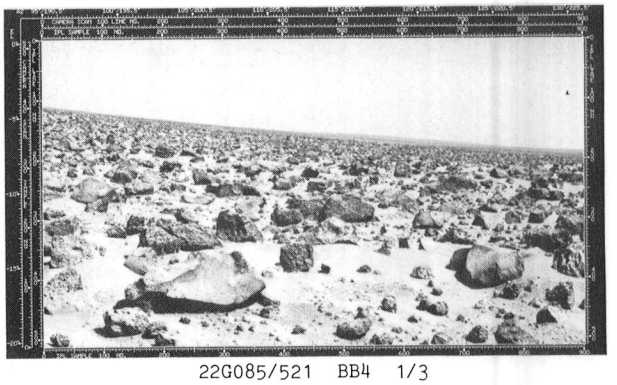


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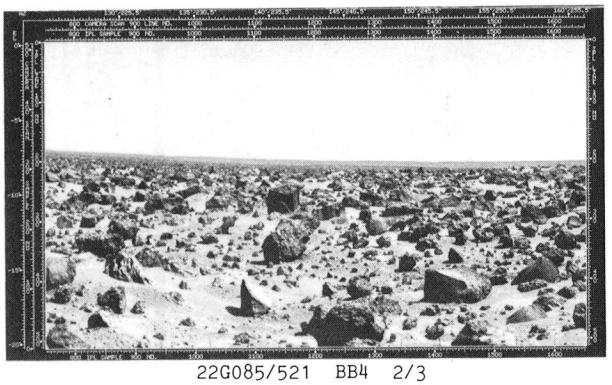
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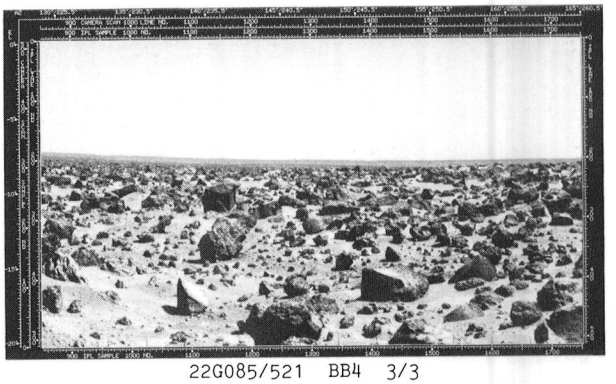
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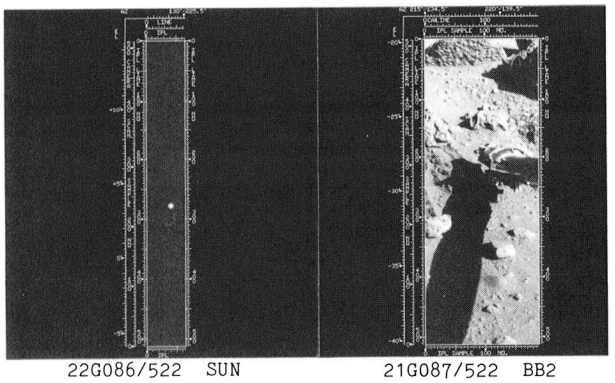
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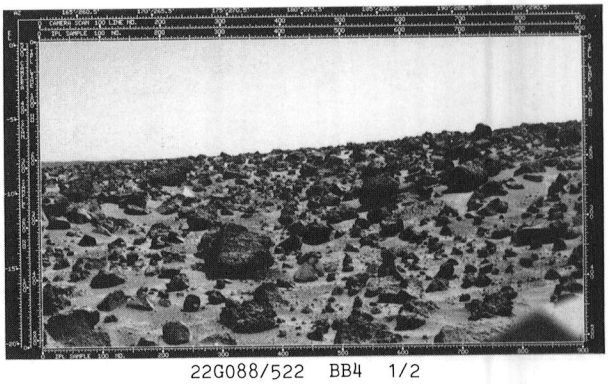
22G085/521 BB4 2/3



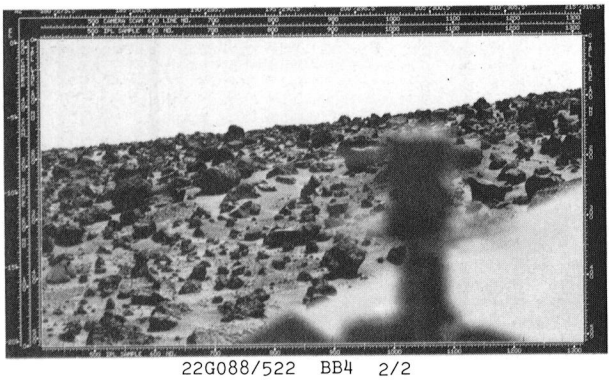
22G085/521 BB4 3/3



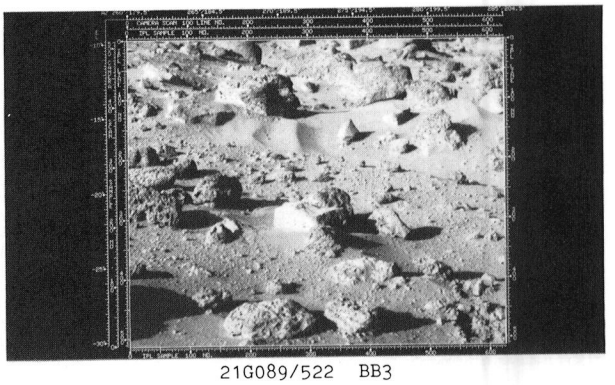
22G086/522 SUN 21G087/522 BB2



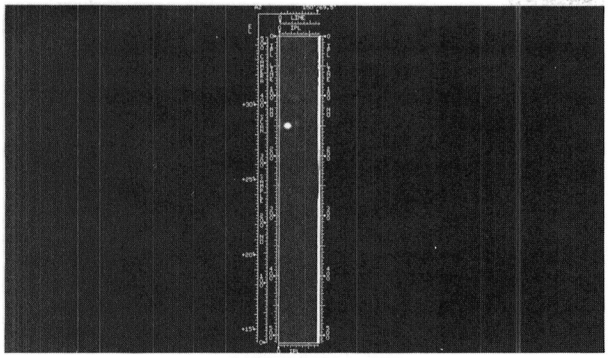
22G088/522 BB4 1/2



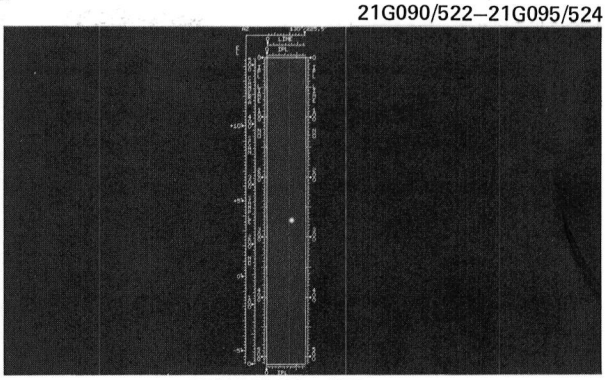
22G088/522 BB4 2/2



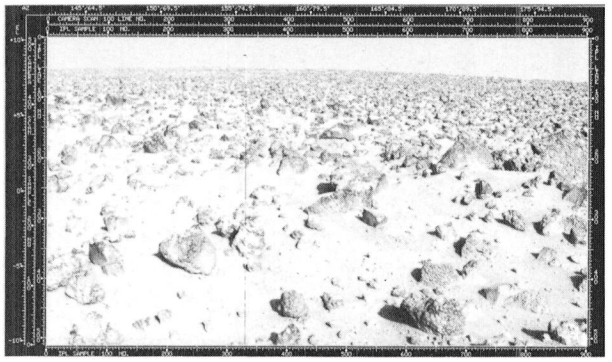
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21G090/522 SUN



22G091/523 SUN



21G092/523 BB4 1/4



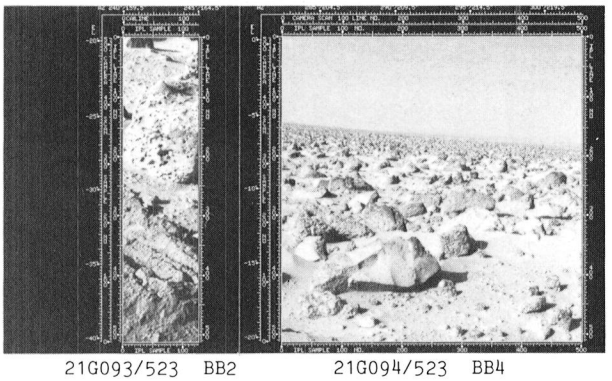
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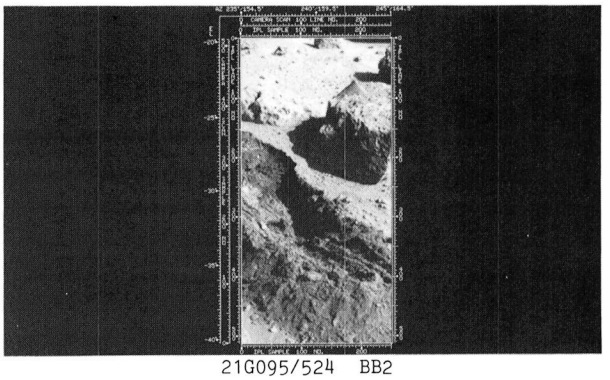
21G092/523 BB4 3/4



21G092/523 BB4 4/4



21G093/523 BB2 21G094/523 BB4



21G095/524 BB2

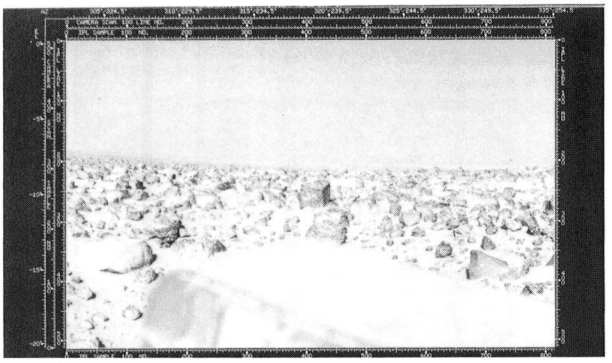
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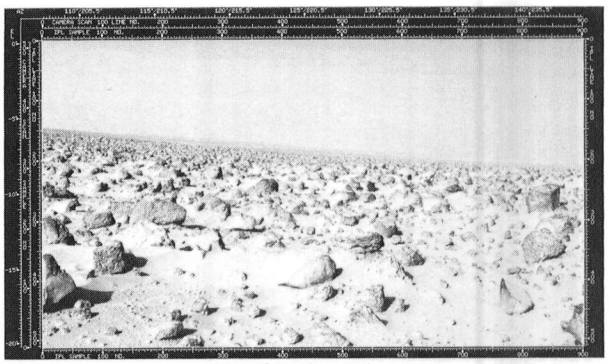
21G096/524 BB3 1/2



21G096/524 BB3 2/2



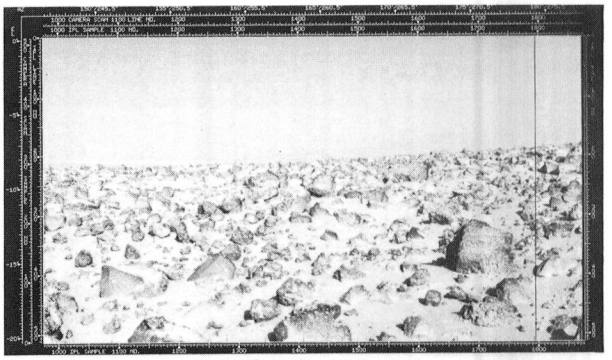
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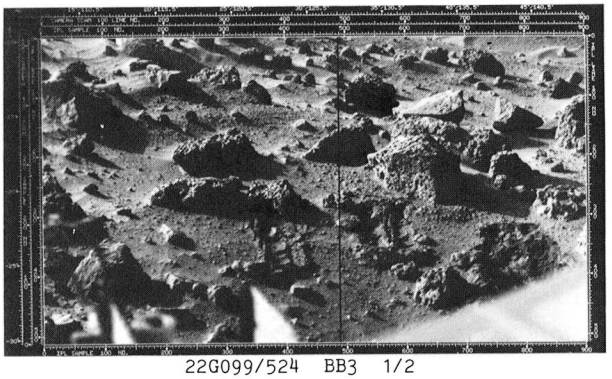
22G098/524 BB4 1/3



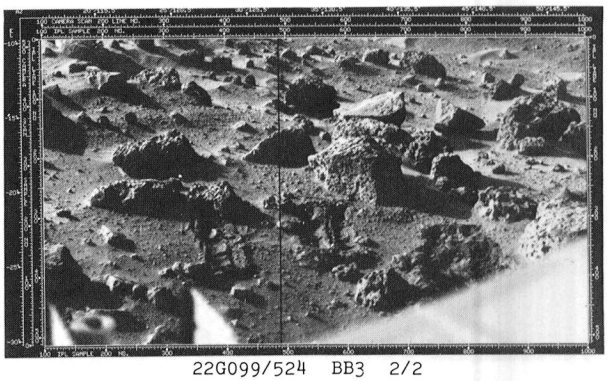
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22G098/524 BB4 3/3



22G099/524 BB3 1/2



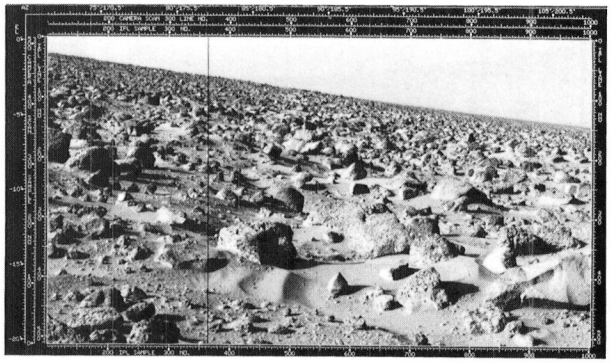
22G099/524 BB3 2/2



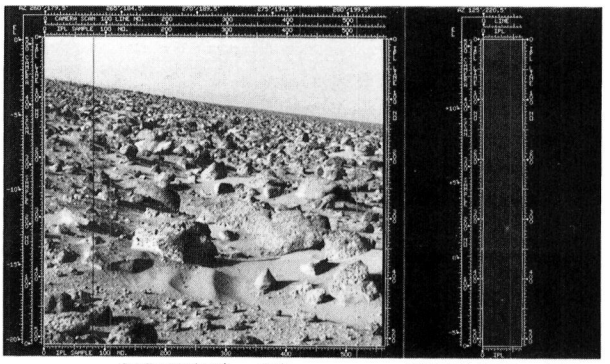
21G100/524 BB3



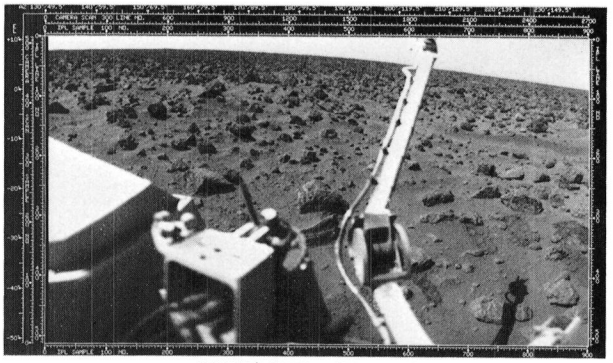
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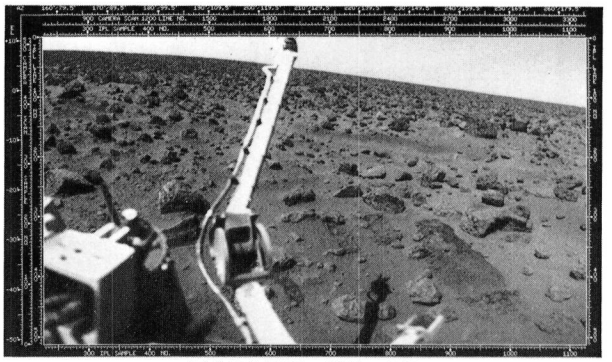
22G101/524 BB4 2/2



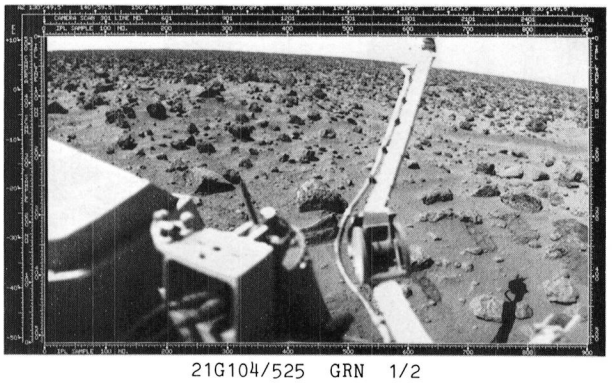
21G102/524 BB4 22G103/525 SUN



21G104/525 BLU 1/2



21G104/525 BLU 2/2



21G104/525 GRN 1/2

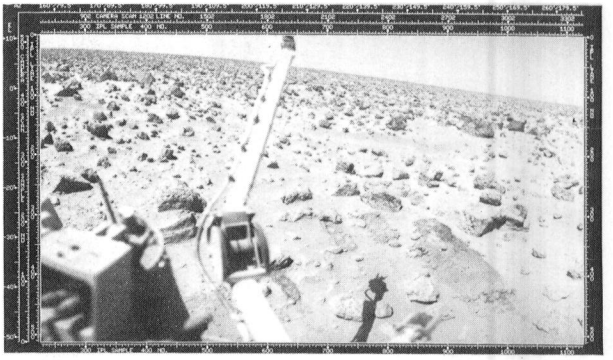


21G104/525 GRN 2/2

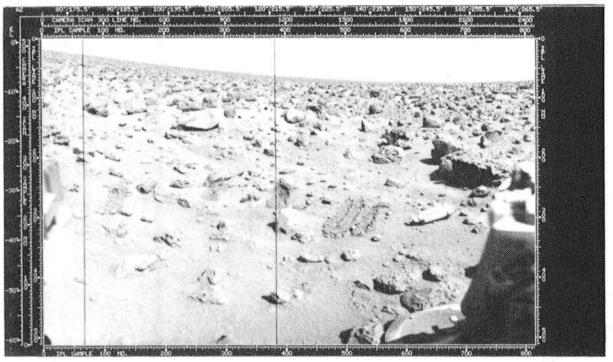
21G104/524—22G108/526



21G104/525 RED 1/2



21G104/525 RED 2/2



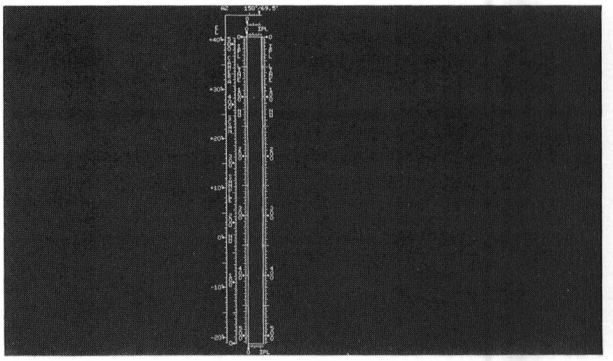
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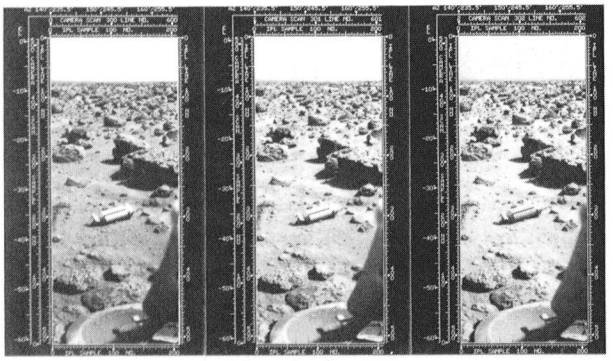
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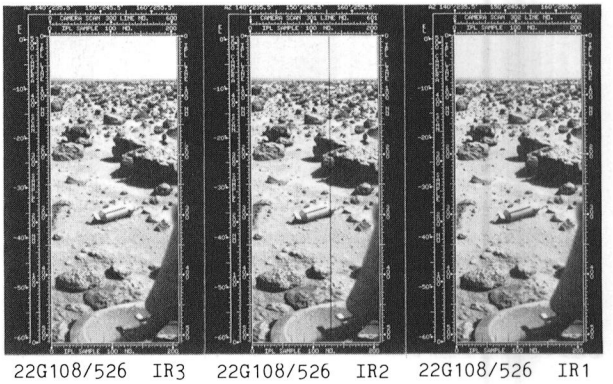
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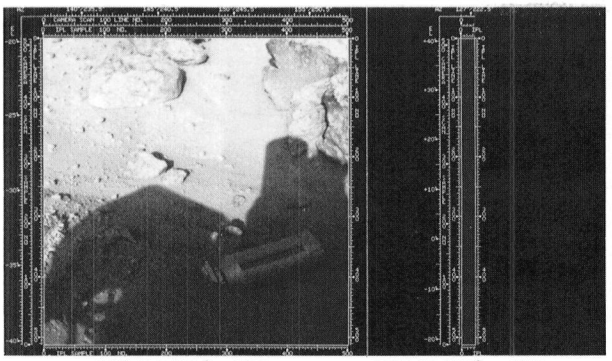
21G106/525 SUN



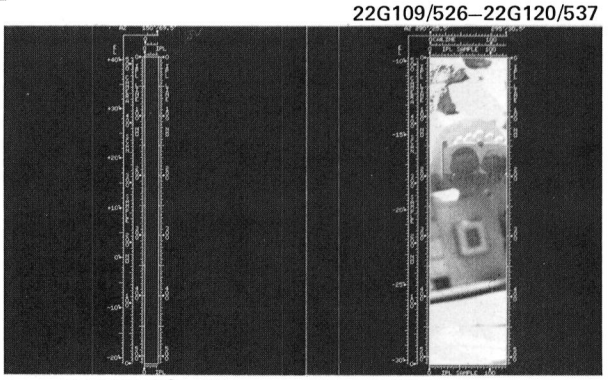
22G107/526 BLU 22G107/526 GRN 22G107/526 RED



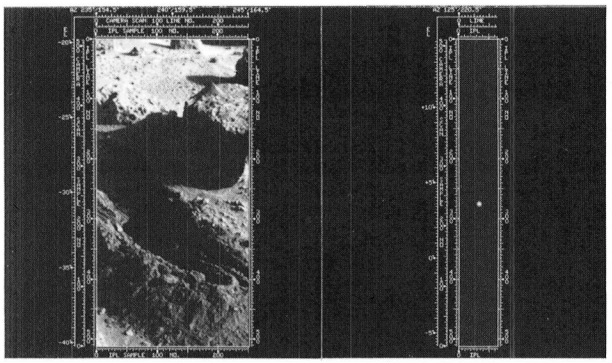
22G108/526 IR3 22G108/526 IR2 22G108/526 IR1



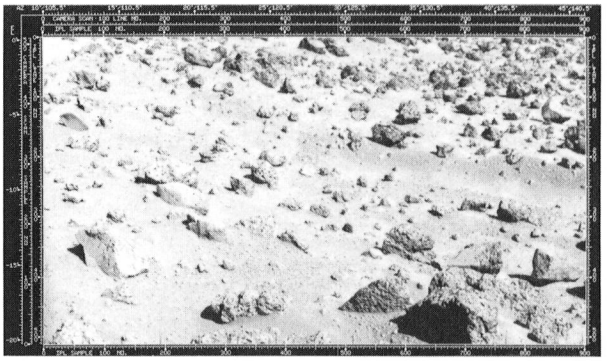
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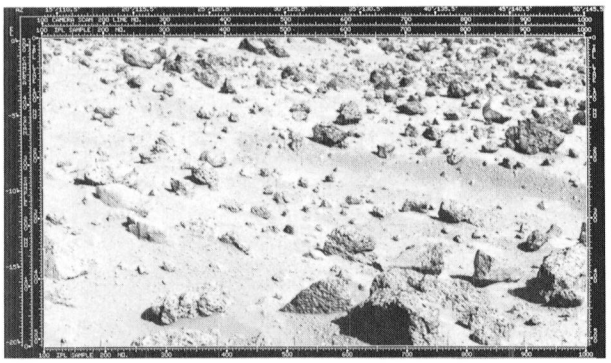
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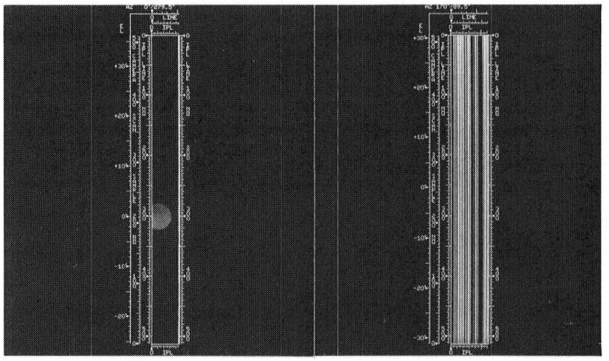
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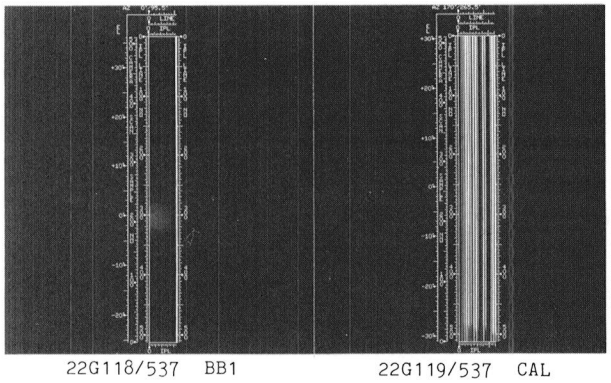
22G115/537 BB3 1/2



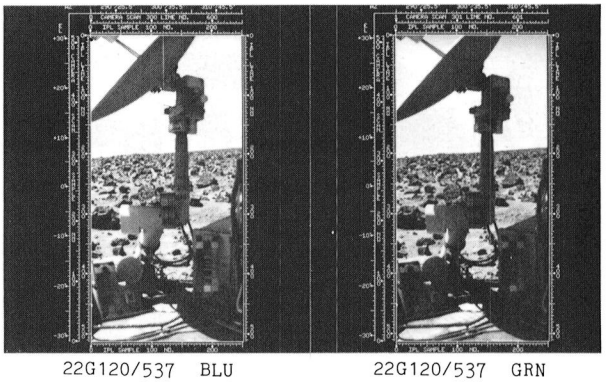
22G115/537 BB3 2/2



21G116/537 BB1 21G117/537 CAL

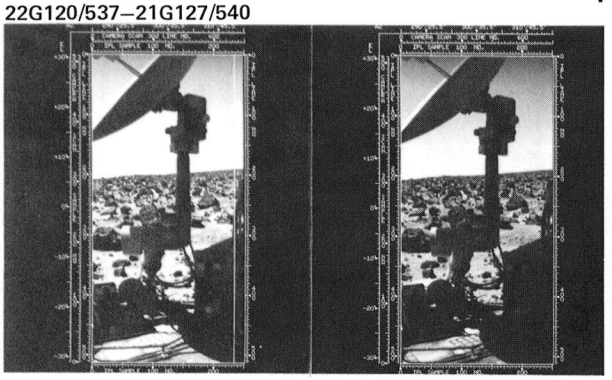


22G118/537 BB1 22G119/537 CAL



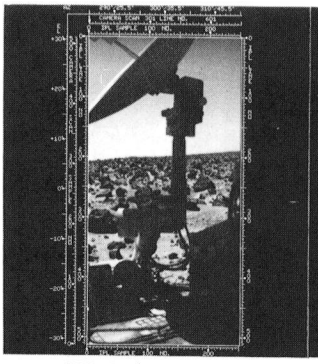
22G120/537 BLU 22G120/537 GRN

22G120/537–21G127/540

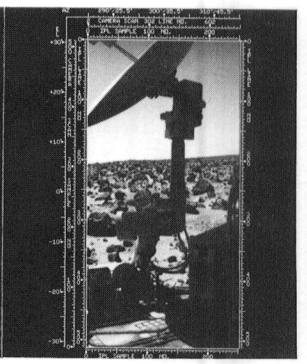


22G120/537 RED

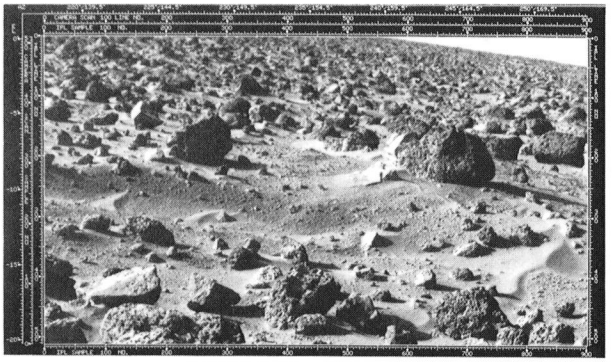
22G121/537 IR3



22G121/537 IR2



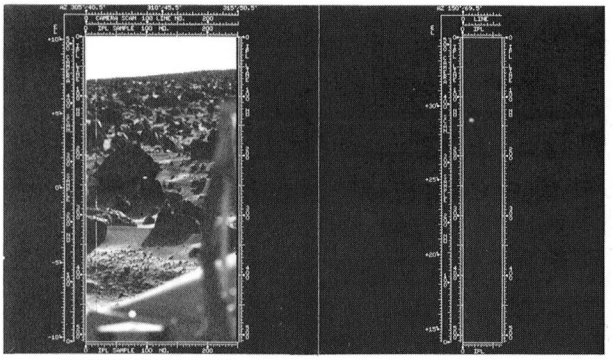
22G121/537 IR1



21G122/537 BB3 1/2

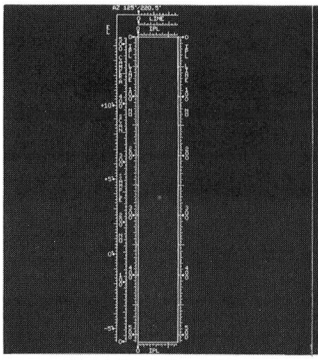


21G122/537 BB3 2/2

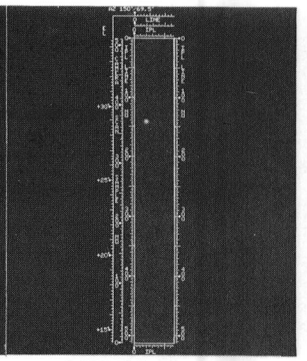


22G123/537 BB4

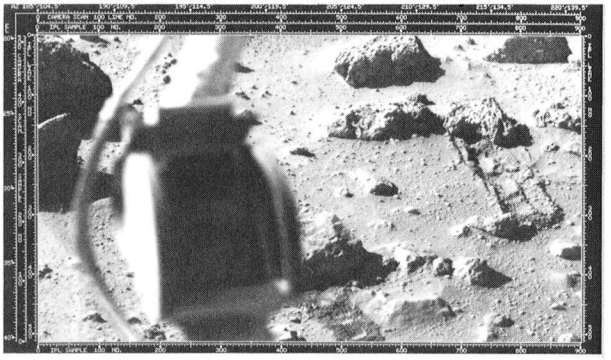
21G124/537 SUN



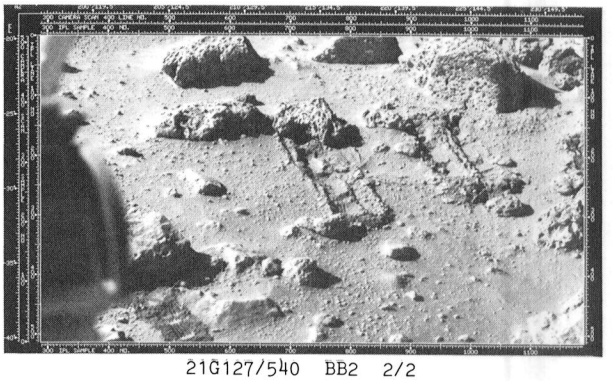
22G125/538 SUN



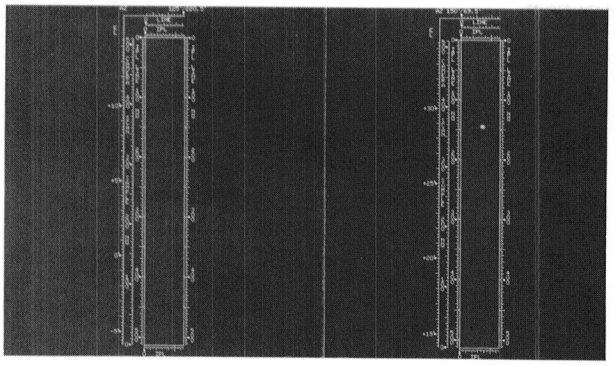
21G126/538 SUN



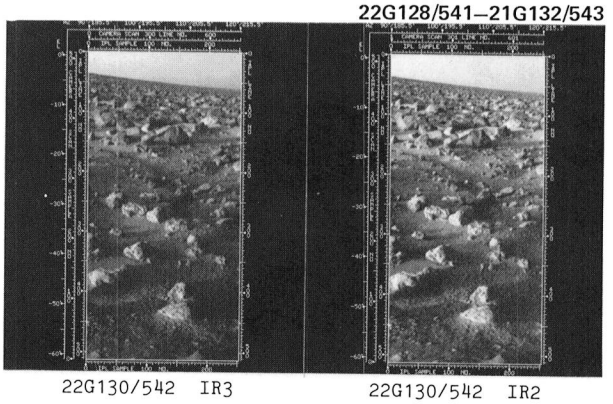
21G127/540 BB2 1/2



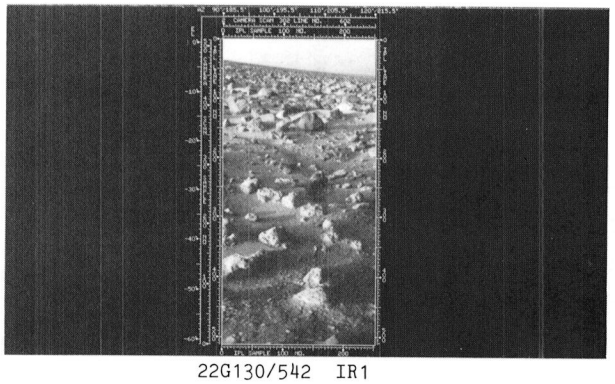
21G127/540 BB2 2/2



22G128/541 SUN 21G129/541 SUN



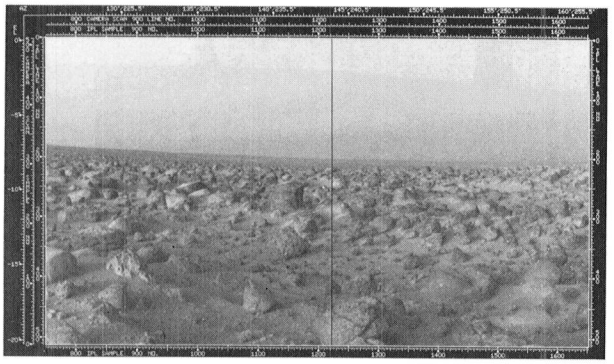
22G130/542 IR3 22G130/542 IR2



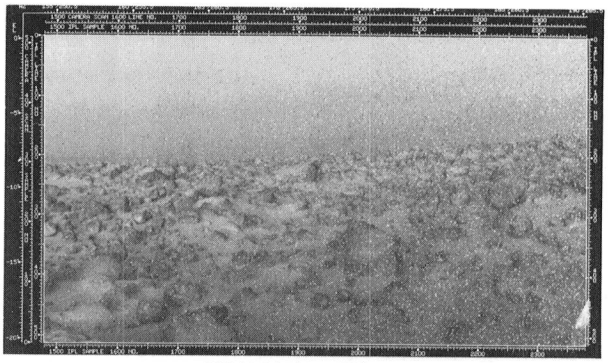
22G130/542 IR1



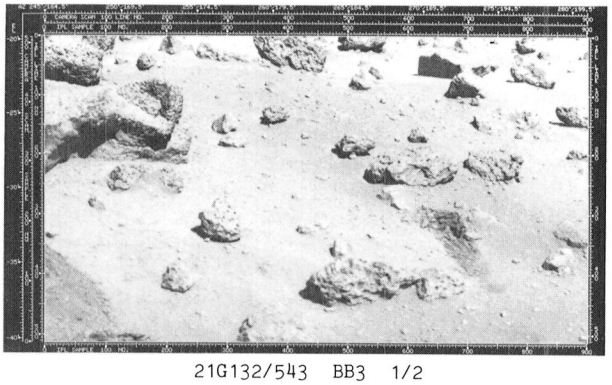
22G131/542 BB4 1/3



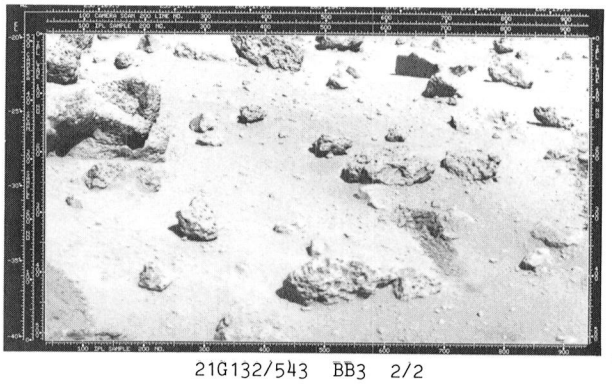
22G131/542 BB4 2/3



22G131/542 BB4 3/3

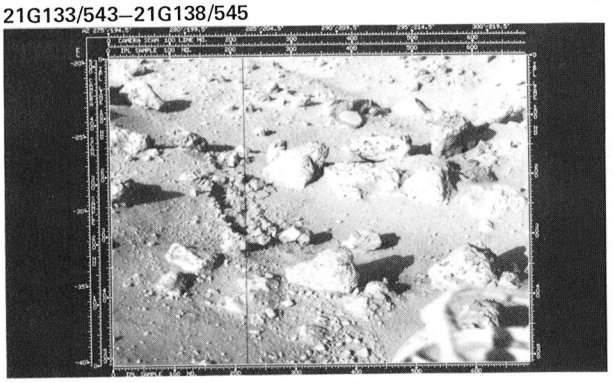


21G132/543 BB3 1/2

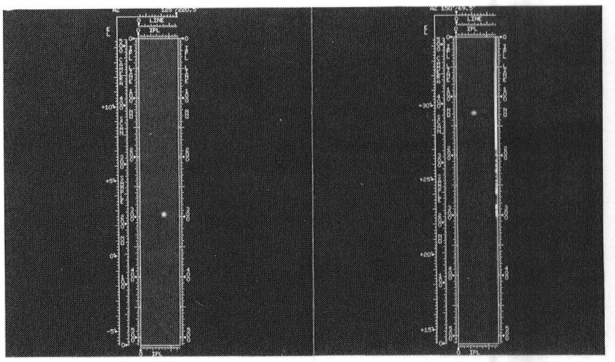


21G132/543 BB3 2/2

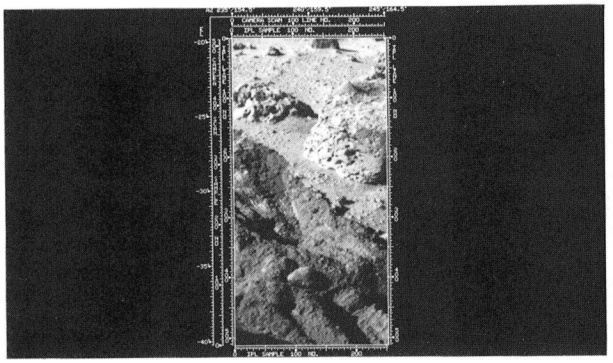
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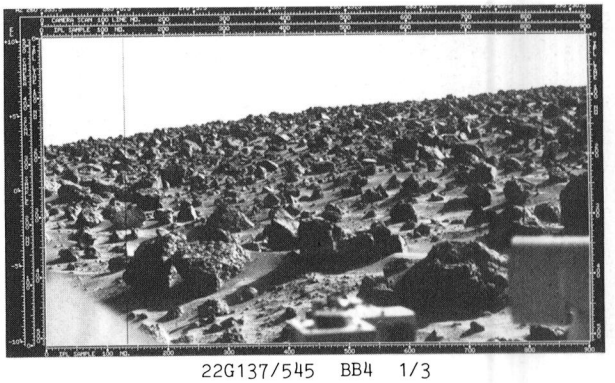
21G133/543 BB2



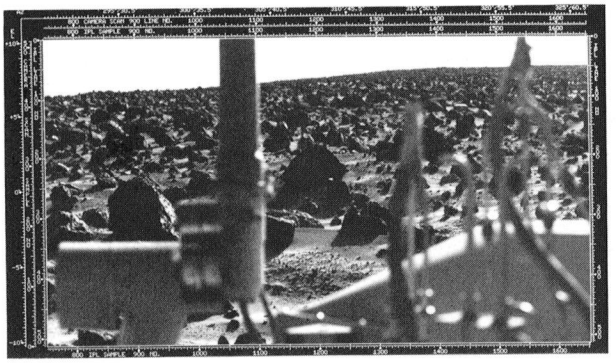
22G134/544 SUN 21G135/544 SUN



21G136/545 BB2



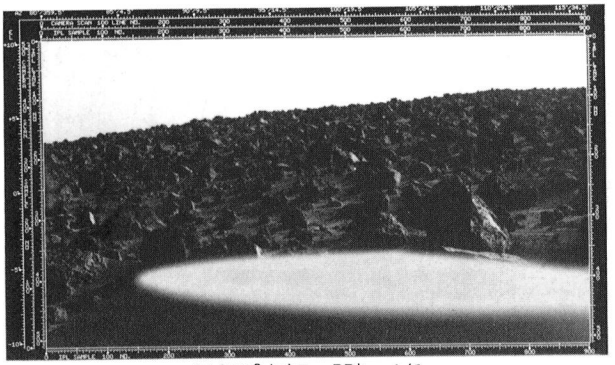
22G137/545 BB4 1/3



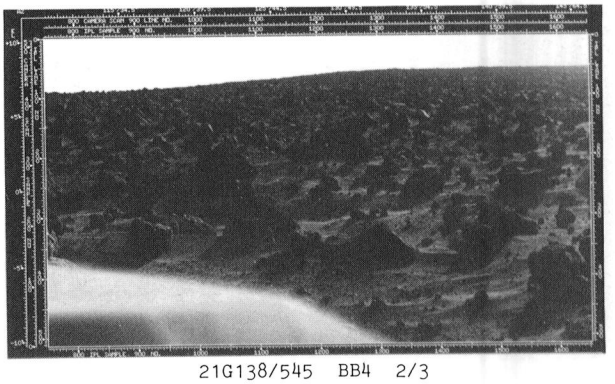
22G137/545 BB4 2/3



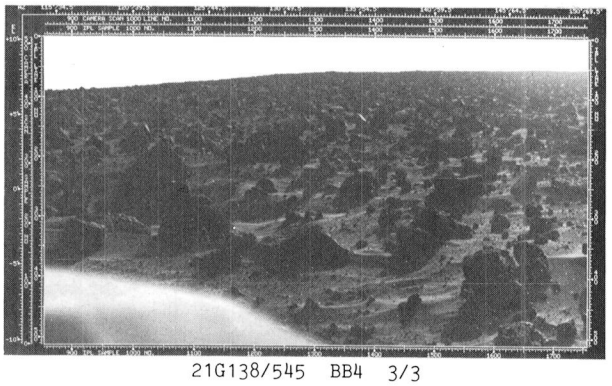
22G137/545 BB4 3/3



21G138/545 BB4 1/3



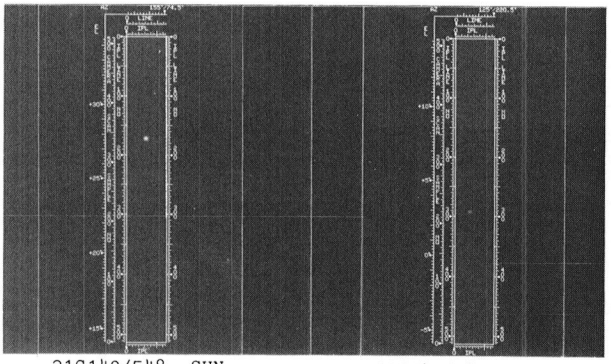
21G138/545 BB4 2/3



21G138/545 BB4 3/3

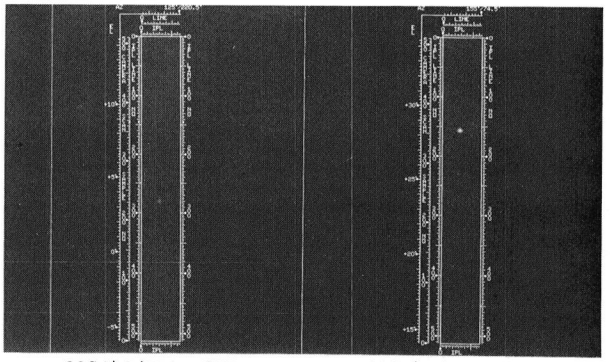


21G139/546 BB3



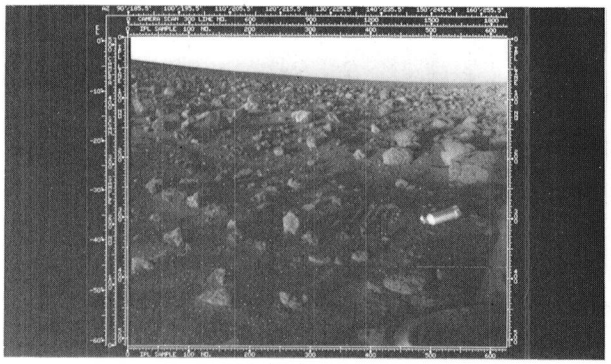
21G140/548 SUN

22G141/549 SUN

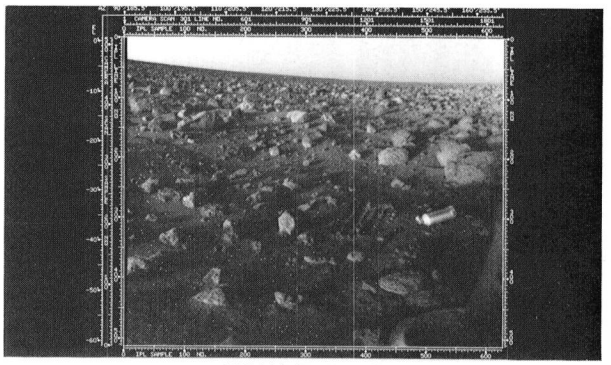


22G142/552 SUN

21G143/552 SUN



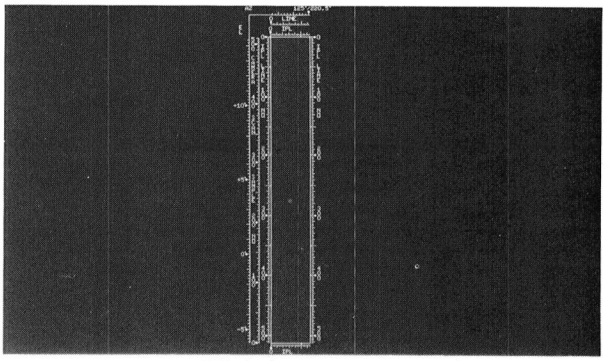
22G144/552 BLU



22G144/552 GRN

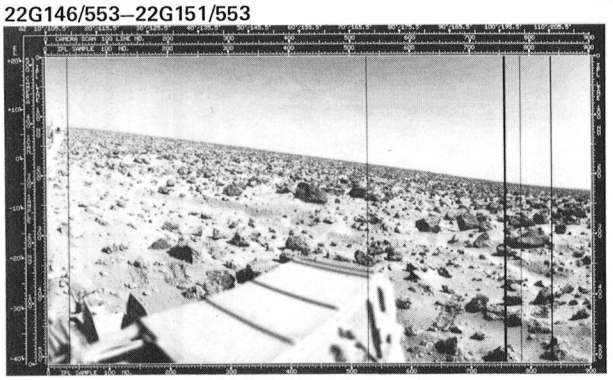


22G144/552 RED

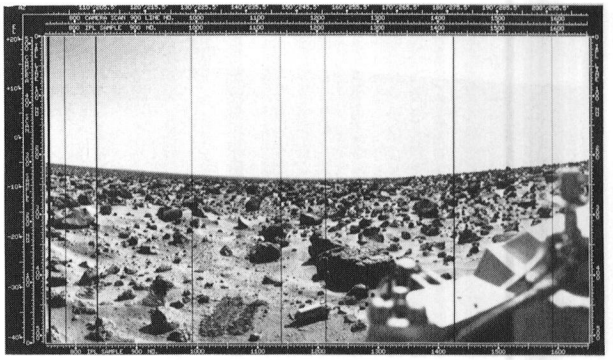


22G145/553 SUN

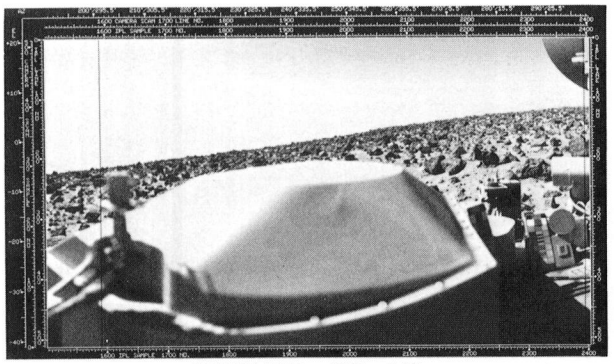
22G146/553–22G151/553



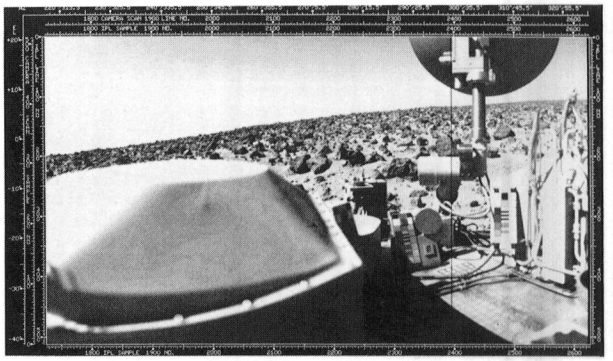
22G146/553 SUR 1/4



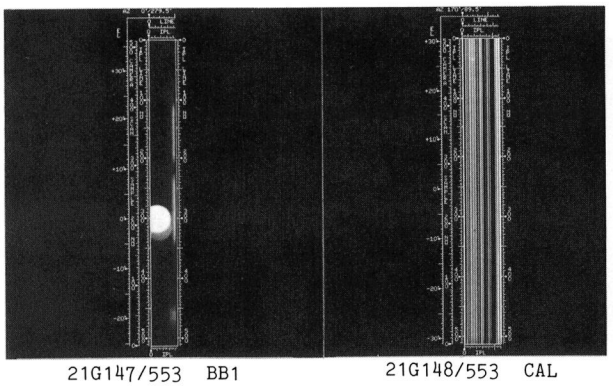
22G146/553 SUR 2/4



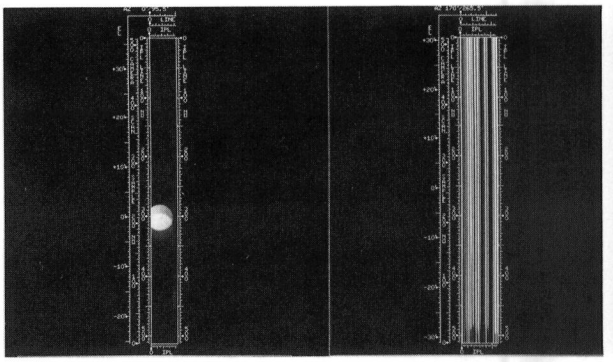
22G146/553 SUR 3/4



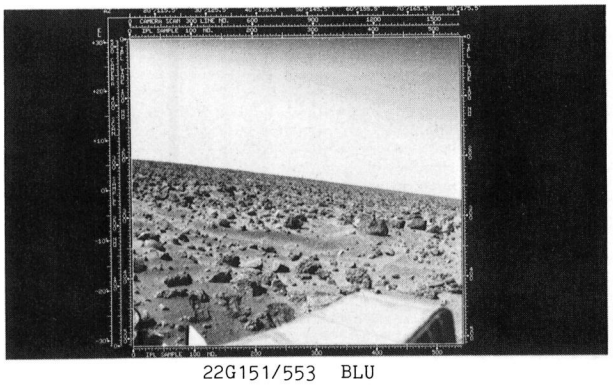
22G146/553 SUR 4/4



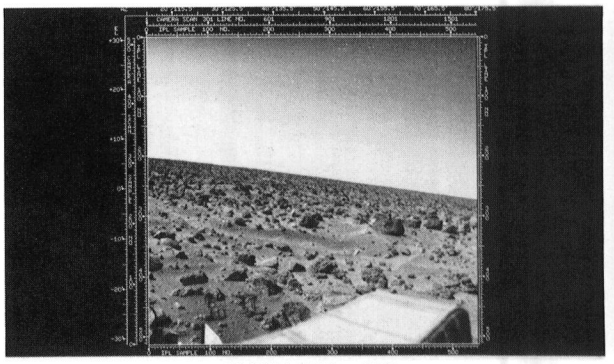
21G147/553 BB1 21G148/553 CAL



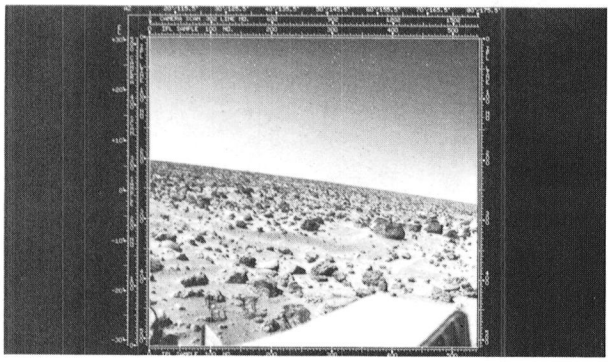
22G149/553 BB1 22G150/553 CAL



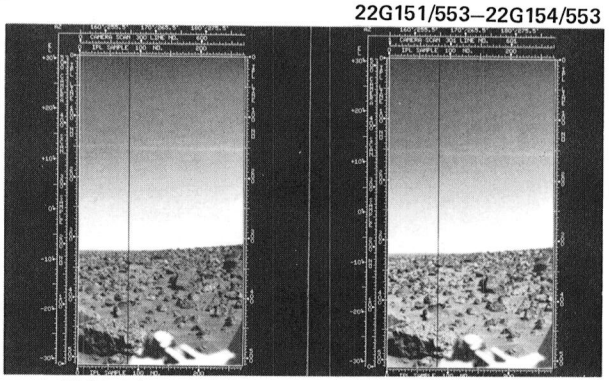
22G151/553 BLU



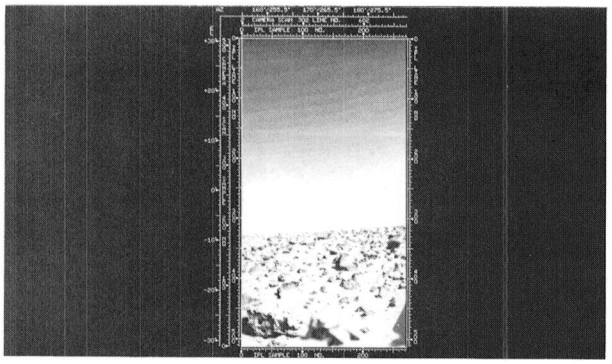
22G151/553 GRN



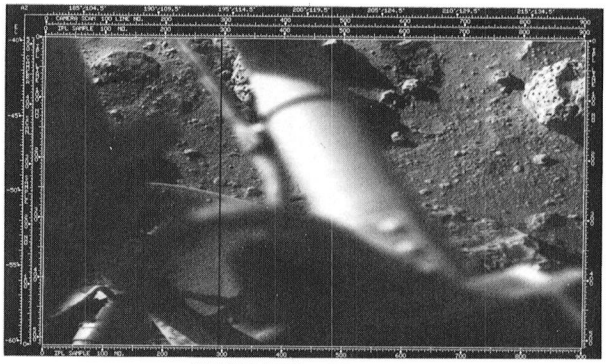
22G151/553 RED



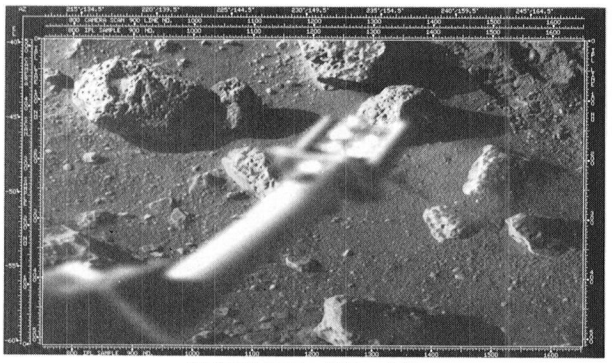
22G152/553 BLU 22G152/553 GRN



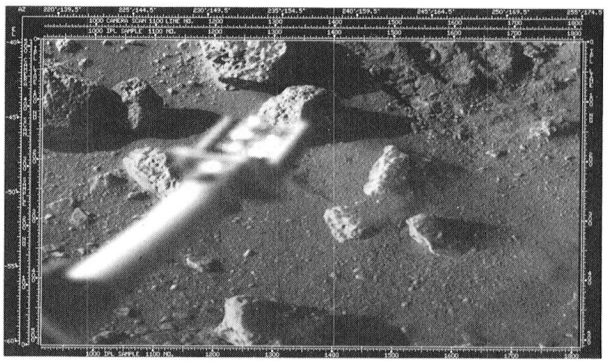
22G152/553 RED



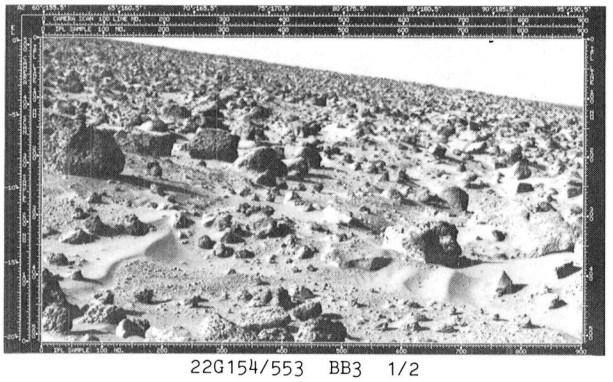
21G153/553 BB1 1/3



21G153/553 BB1 2/3



21G153/553 BB1 3/3

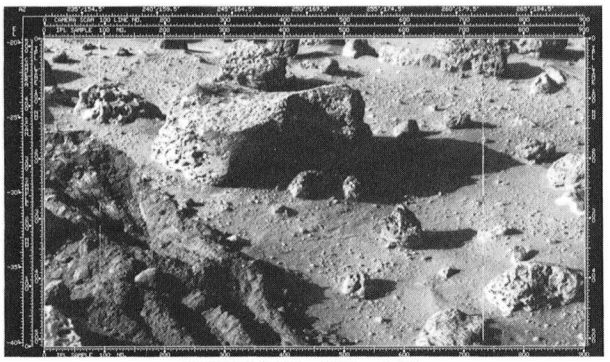


22G154/553 BB3 1/2

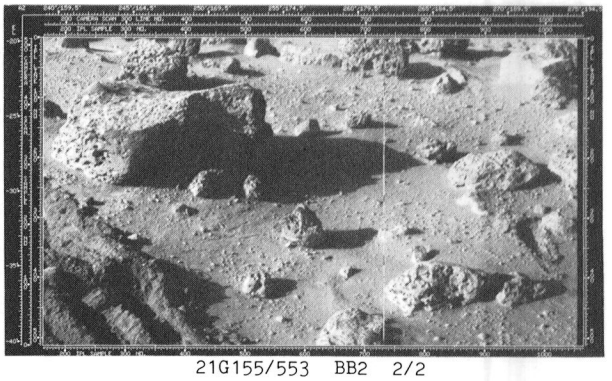


22G154/553 BB3 2/2

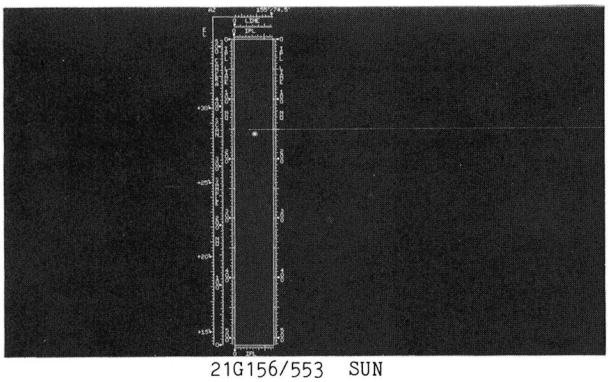
21G155/553–22G164/553



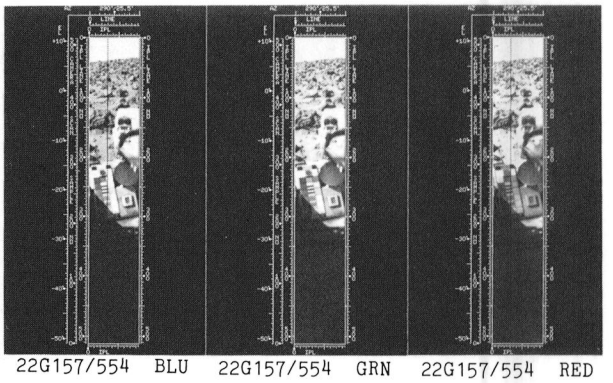
21G155/553 BB2 1/2



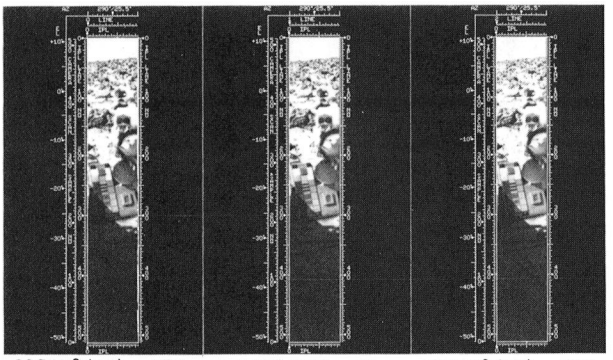
21G155/553 BB2 2/2



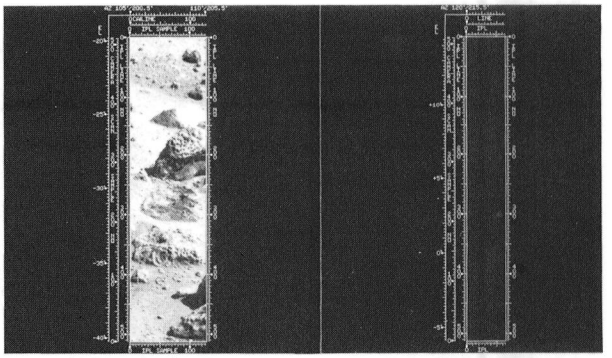
21G156/553 SUN



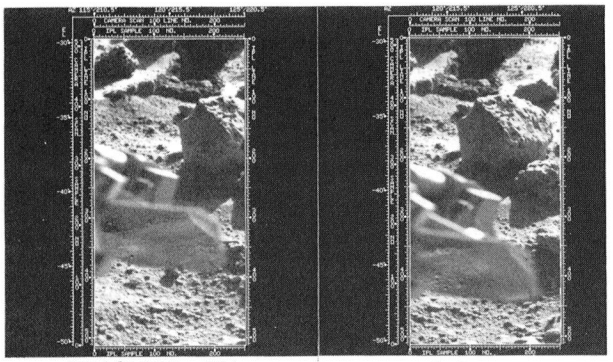
22G157/554 BLU 22G157/554 GRN 22G157/554 RED



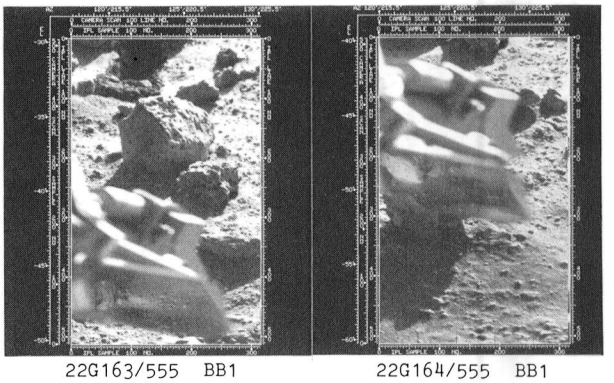
22G158/554 IR3 22G158/554 IR2 22G158/554 IR1



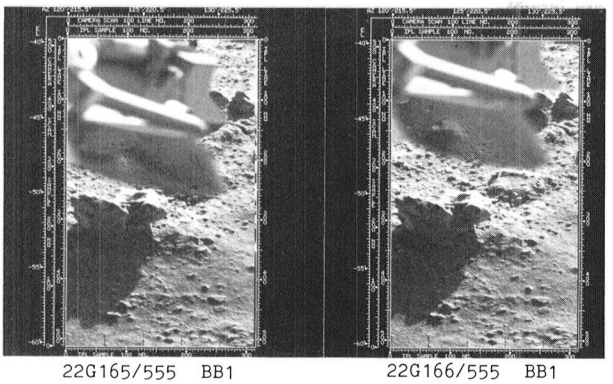
22G159/554 BB2 22G160/555 SUN



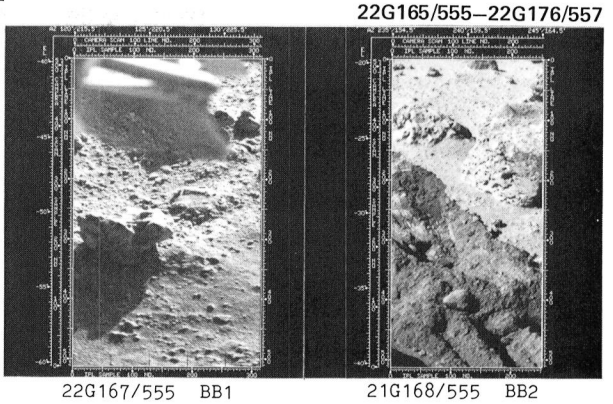
22G161/555 BB1 22G162/555 BB1



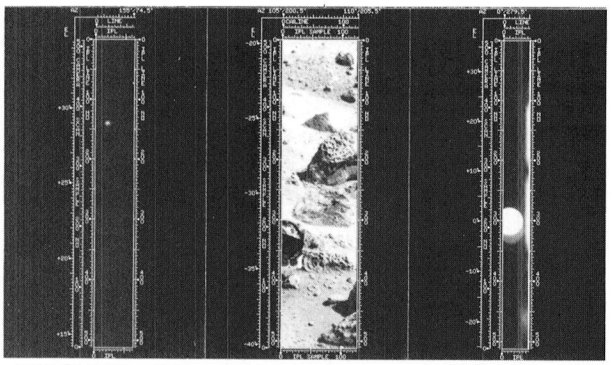
22G163/555 BB1 22G164/555 BB1



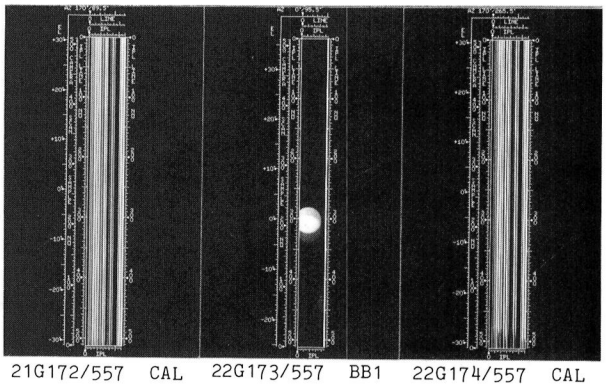
22G165/555 BB1 22G166/555 BB1



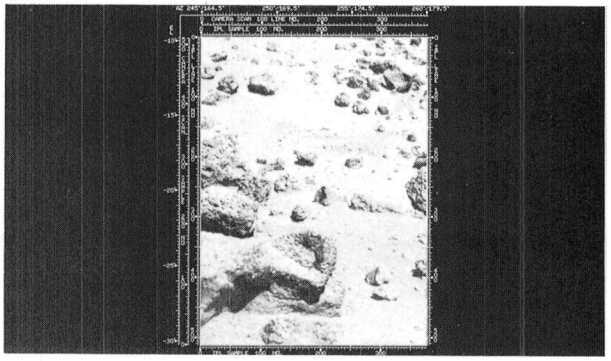
22G167/555 BB1 21G168/555 BB2



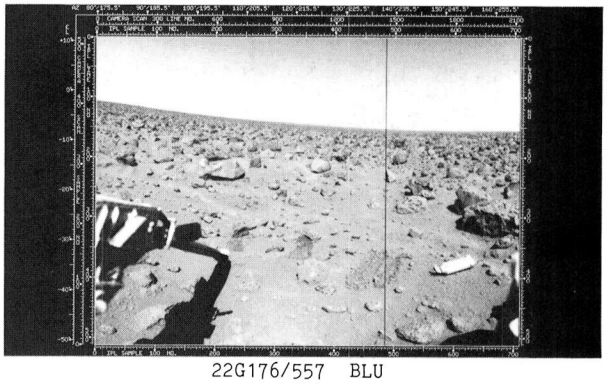
21G169/555 SUN 22G170/556 BB2 21G171/557 BB1



21G172/557 CAL 22G173/557 BB1 22G174/557 CAL



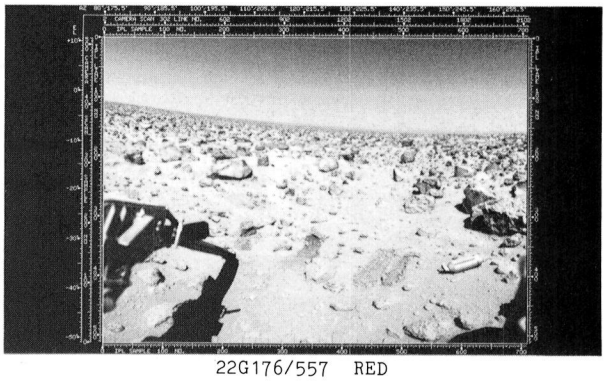
21G175/557 BB3



22G176/557 BLU

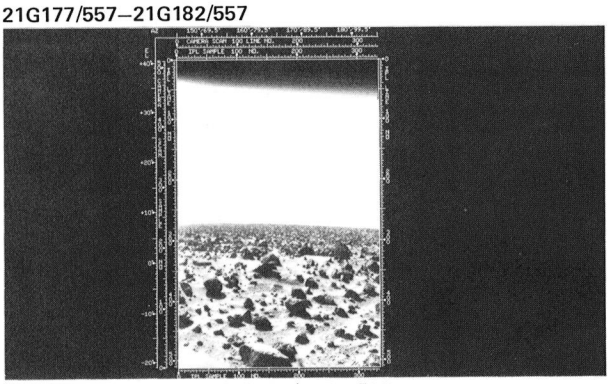


22G176/557 GRN

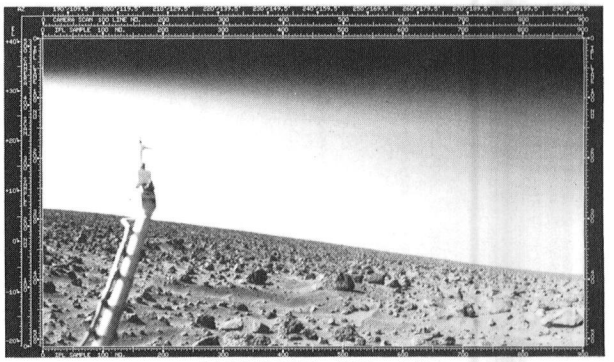


22G176/557 RED

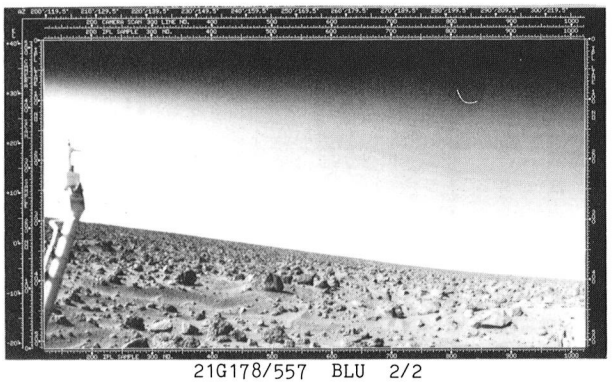
21G177/557–21G182/557



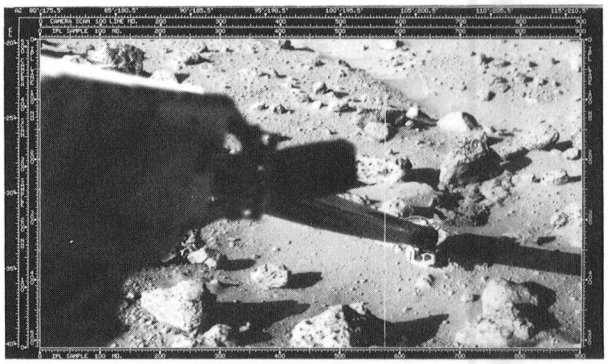
21G177/557 BLU



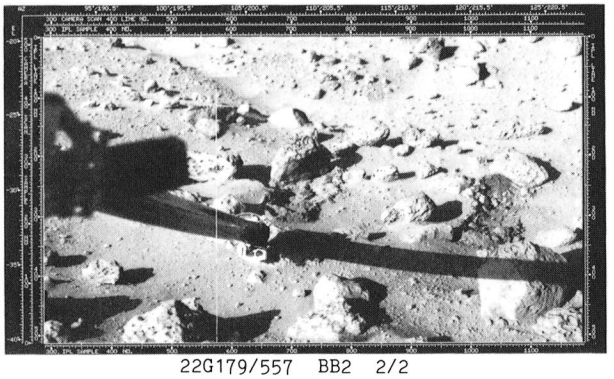
21G178/557 BLU 1/2



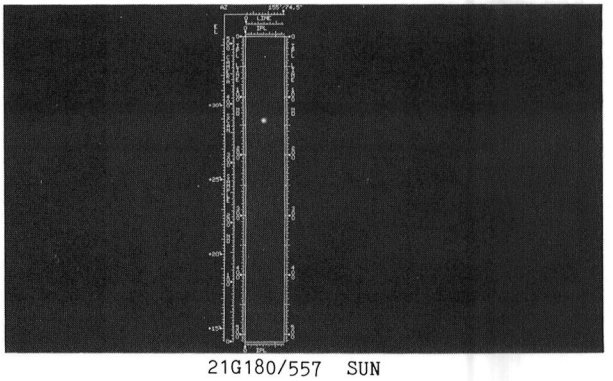
21G178/557 BLU 2/2



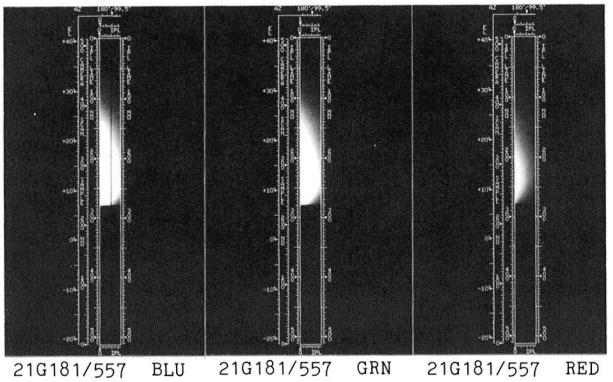
22G179/557 BB2 1/2



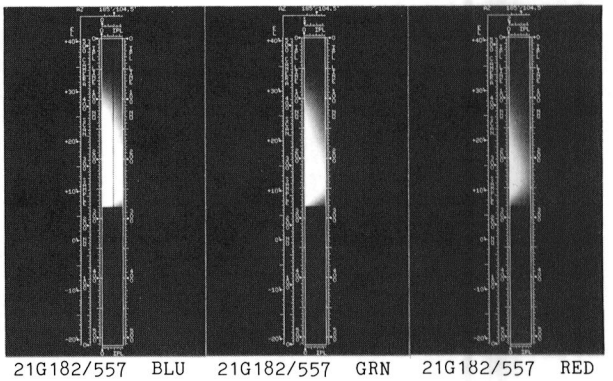
22G179/557 BB2 2/2



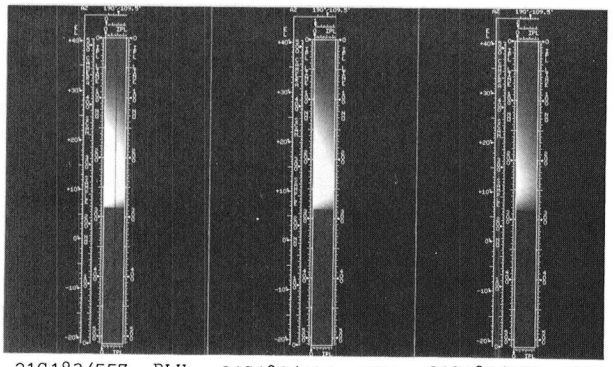
21G180/557 SUN



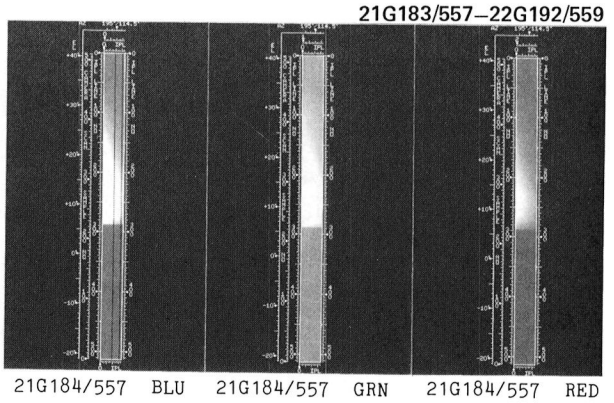
21G181/557 BLU 21G181/557 GRN 21G181/557 RED



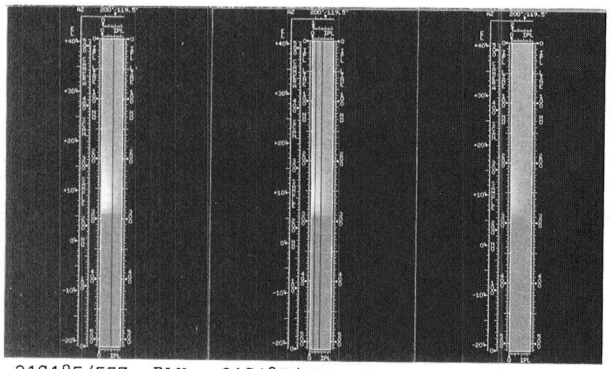
21G182/557 BLU 21G182/557 GRN 21G182/557 RED



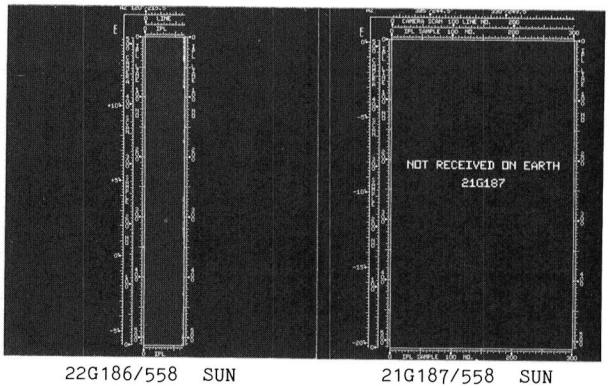
21G183/557 BLU 21G183/557 GRN 21G183/557 RED



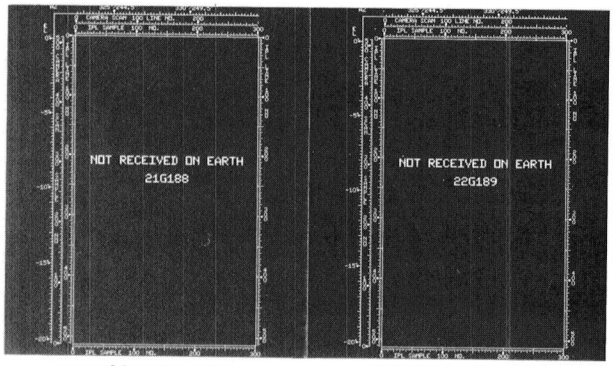
21G184/557 BLU 21G184/557 GRN 21G184/557 RED



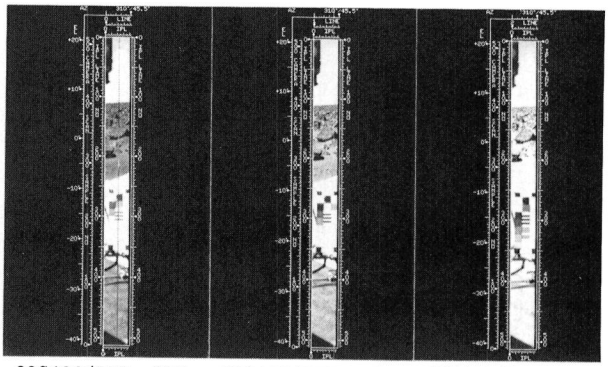
21G185/557 BLU 21G185/557 GRN 21G185/557 RED



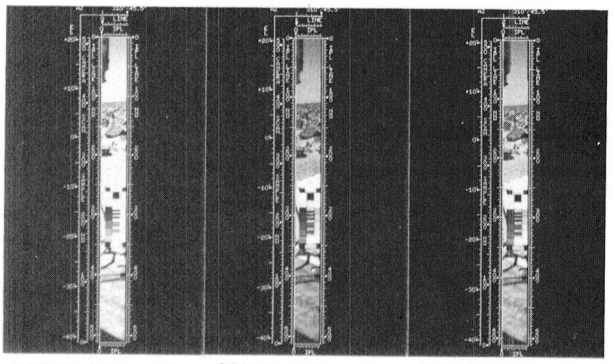
22G186/558 SUN 21G187/558 SUN



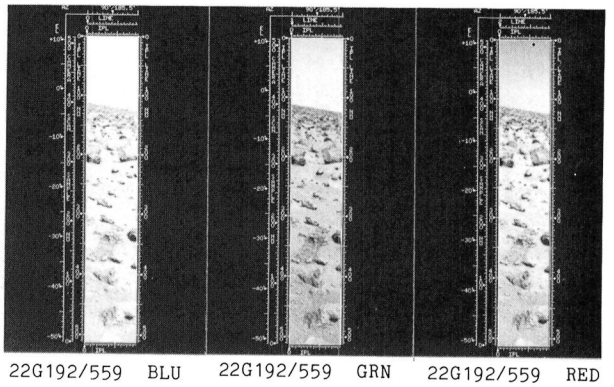
21G188/558 BB3 22G189/559 SUN



22G190/559 BLU 22G190/559 GRN 22G190/559 RED

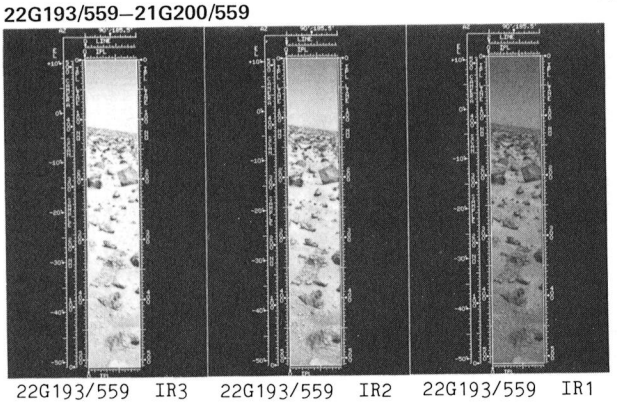


22G191/559 IR3 22G191/559 IR2 22G191/559 IR1

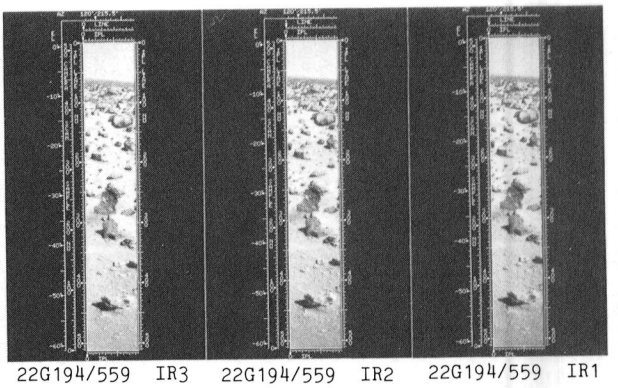


22G192/559 BLU 22G192/559 GRN 22G192/559 RED

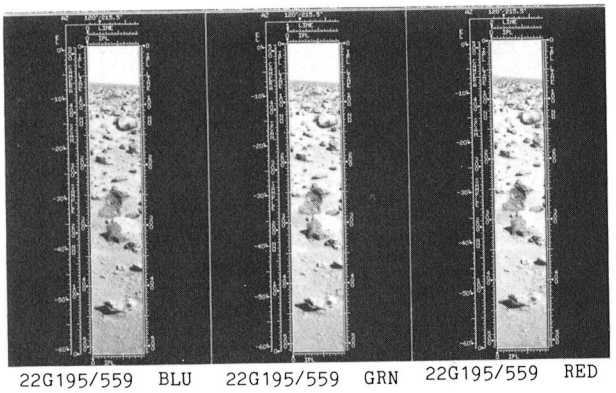
22G193/559–21G200/559



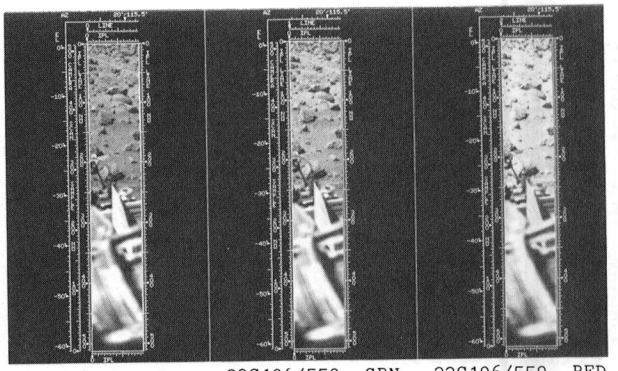
22G193/559 IR3 22G193/559 IR2 22G193/559 IR1



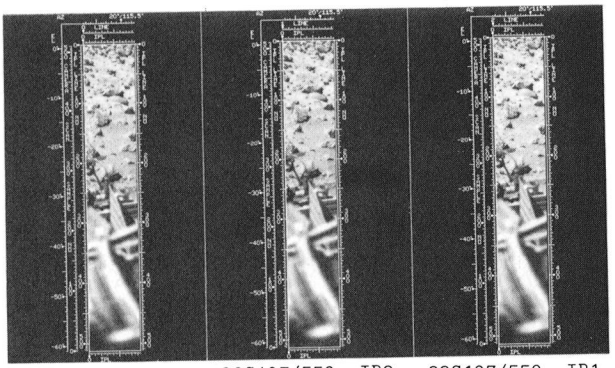
22G194/559 IR3 22G194/559 IR2 22G194/559 IR1



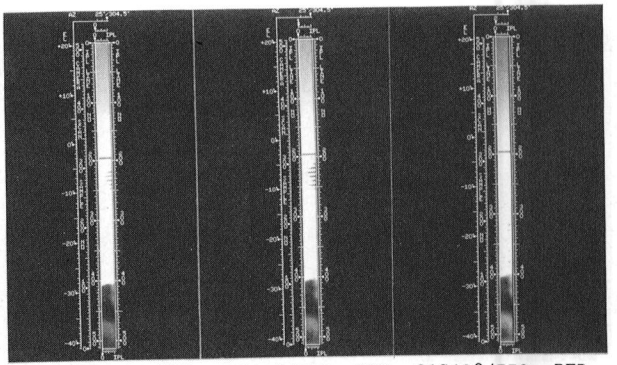
22G195/559 BLU 22G195/559 GRN 22G195/559 RED



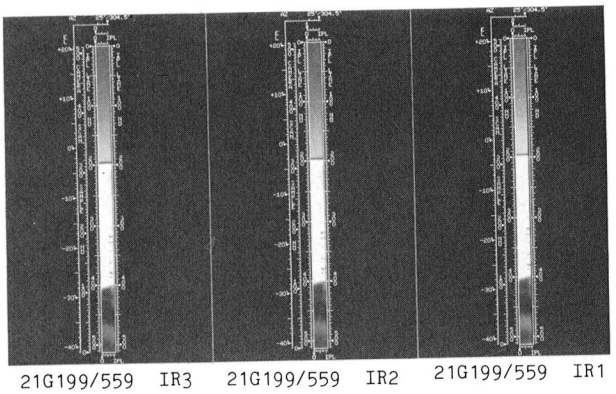
22G196/559 BLU 22G196/559 GRN 22G196/559 RED



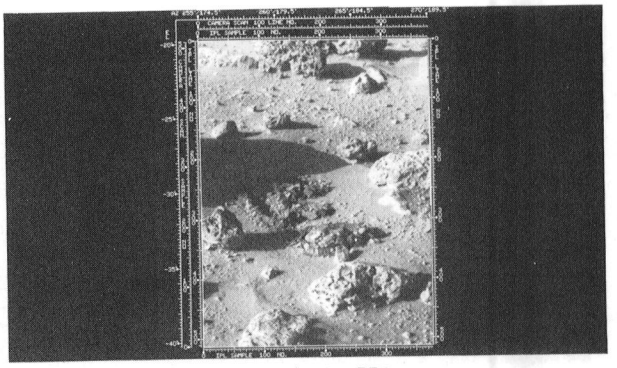
22G197/559 IR3 22G197/559 IR2 22G197/559 IR1



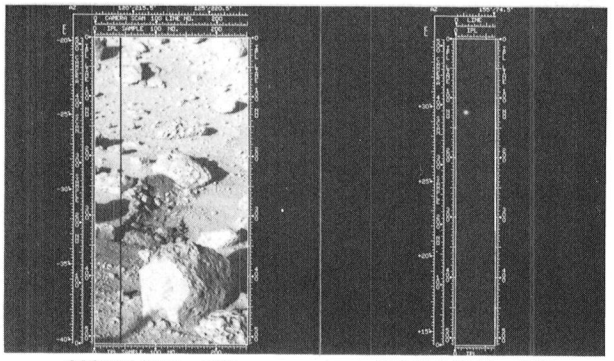
21G198/559 BLU 21G198/559 GRN 21G198/559 RED



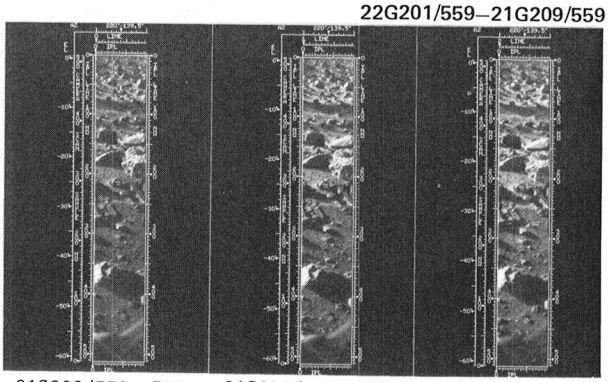
21G199/559 IR3 21G199/559 IR2 21G199/559 IR1



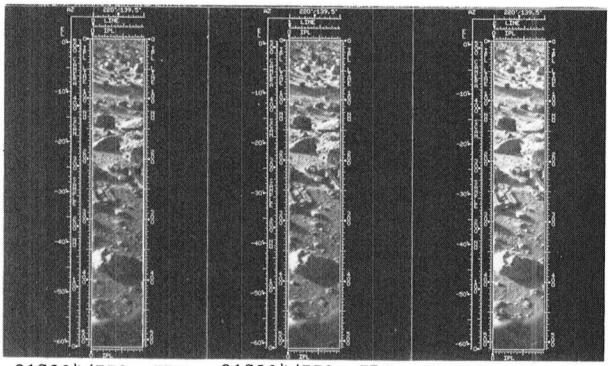
21G200/559 BB2



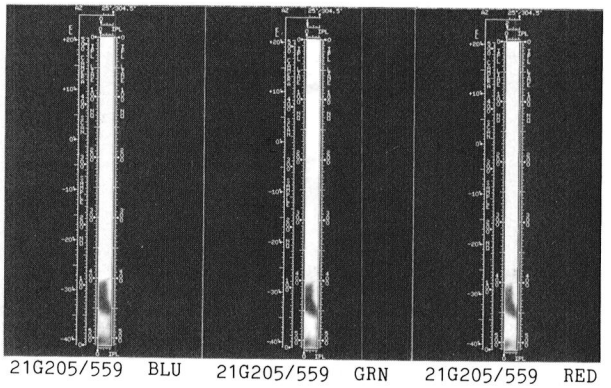
22G201/559 BB2 21G202/559 SUN



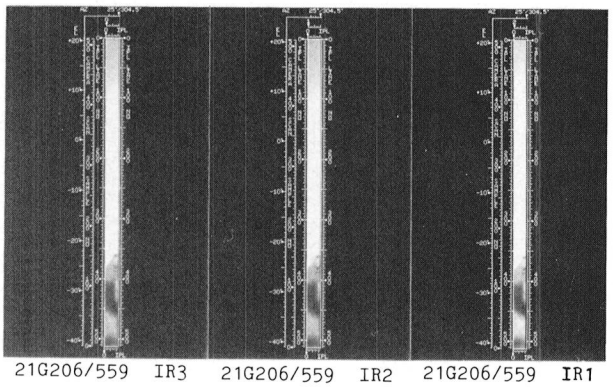
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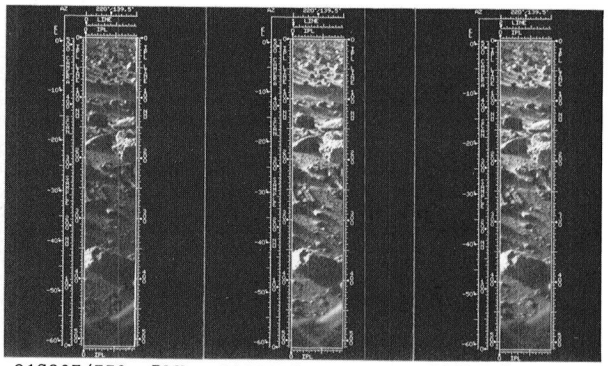
21G204/559 IR3 21G204/559 IR2 21G204/559 IR1



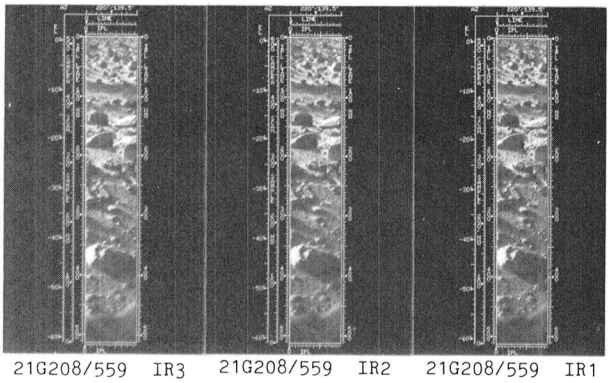
21G205/559 BLU 21G205/559 GRN 21G205/559 RED



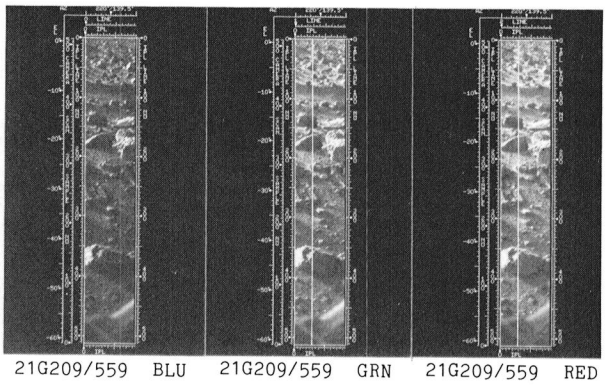
21G206/559 IR3 21G206/559 IR2 21G206/559 IR1



21G207/559 BLU 21G207/559 GRN 21G207/559 RED

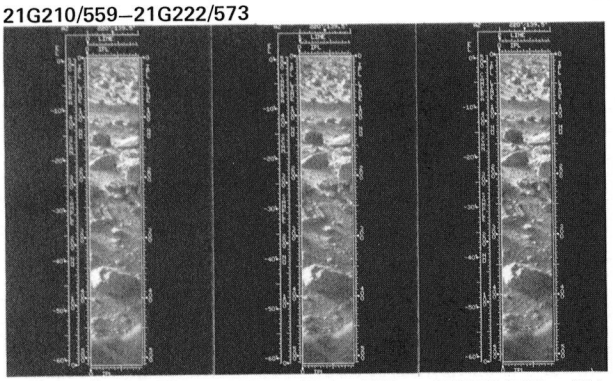


21G208/559 IR3 21G208/559 IR2 21G208/559 IR1

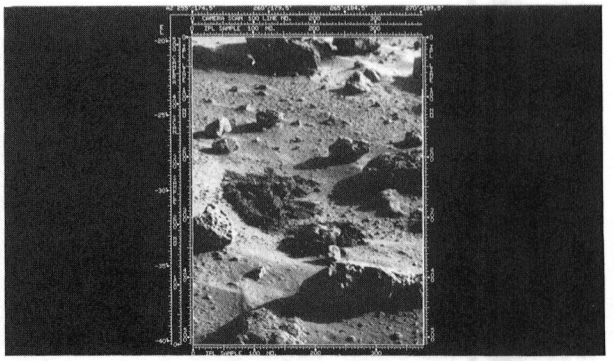


21G209/559 BLU 21G209/559 GRN 21G209/559 RED

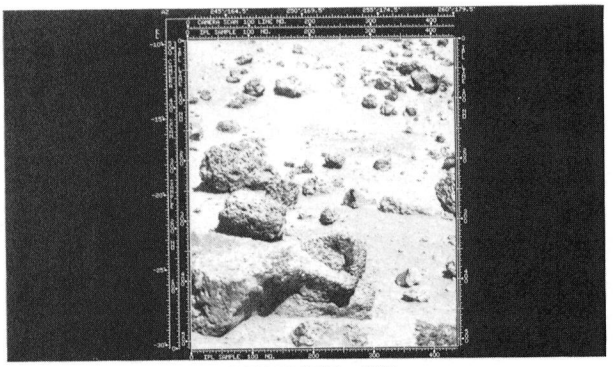
21G210/559–21G222/573



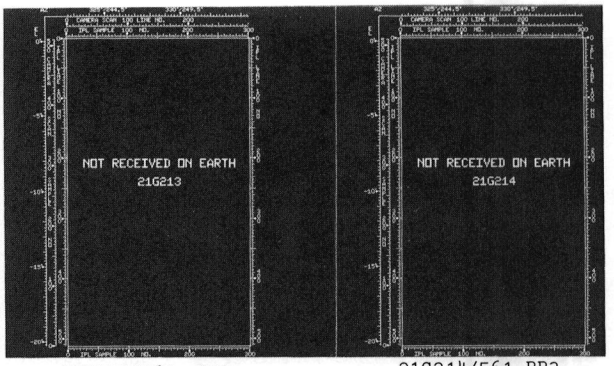
21G210/559 IR3 21G210/559 IR2 21G210/559 IR1



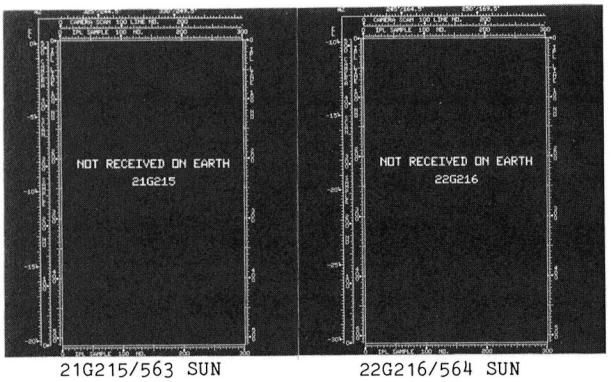
21G211/560 BB2



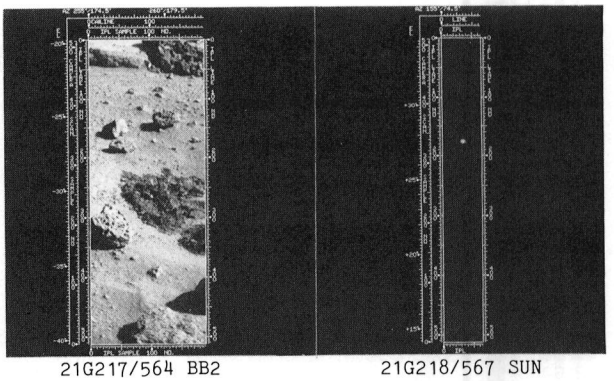
21G212/560 BB3



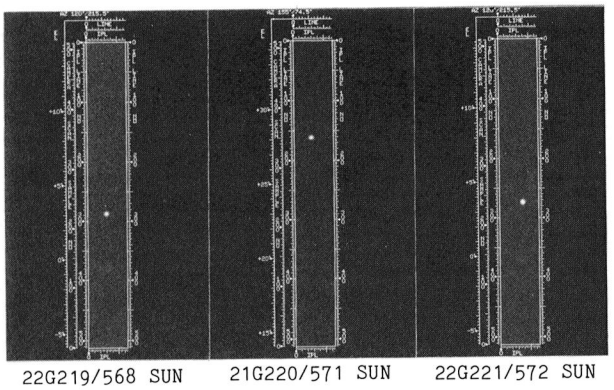
21G213/560 CLR 21G214/561 BB3



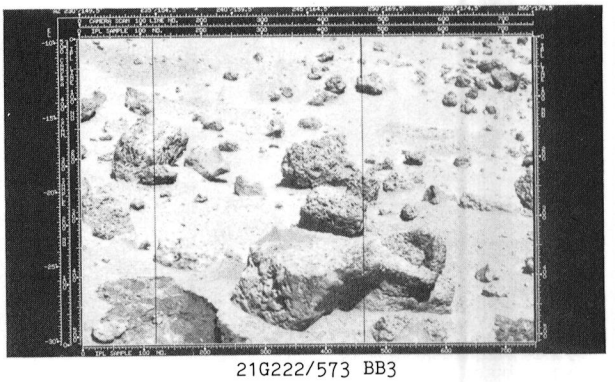
21G215/563 SUN 22G216/564 SUN



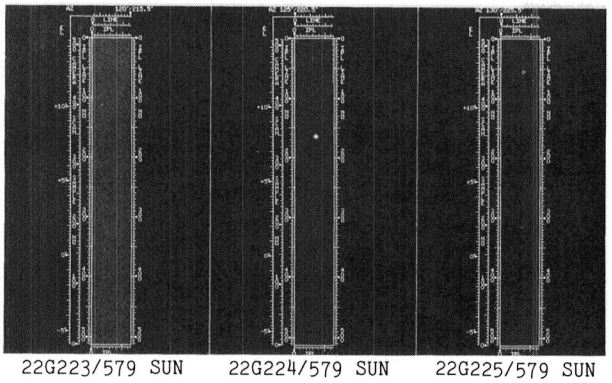
21G217/564 BB2 21G218/567 SUN



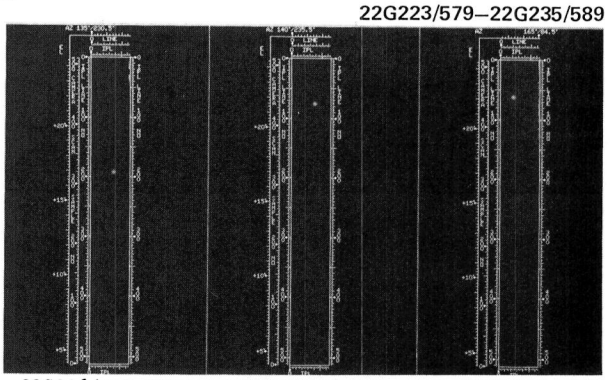
22G219/568 SUN 21G220/571 SUN 22G221/572 SUN



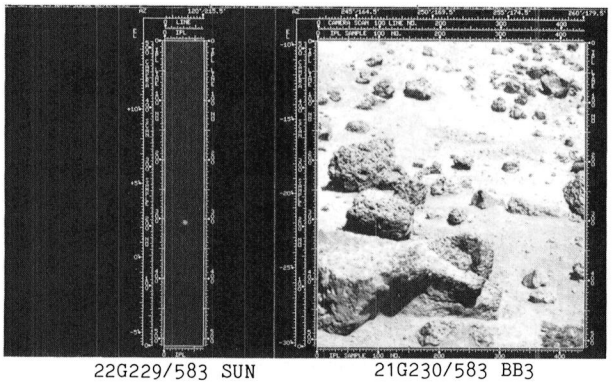
21G222/573 BB3



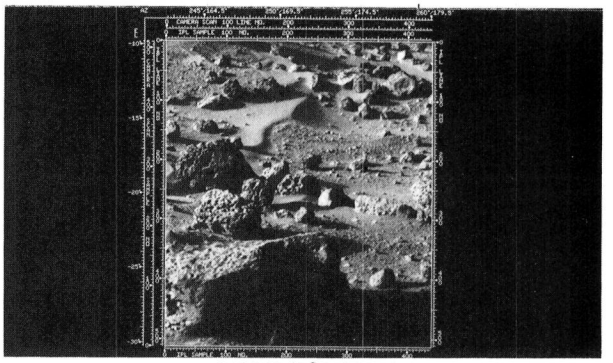
22G223/579 SUN 22G224/579 SUN 22G225/579 SUN



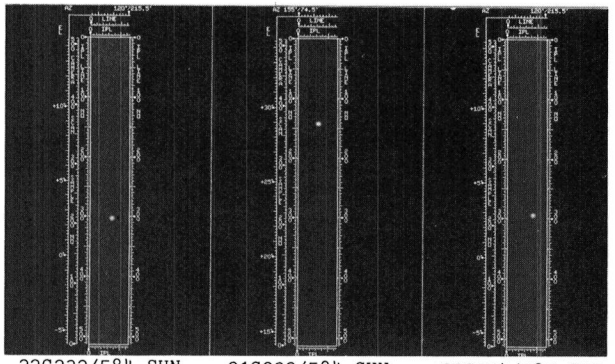
22G226/579 SUN 22G227/579 SUN 21G228/579 SUN



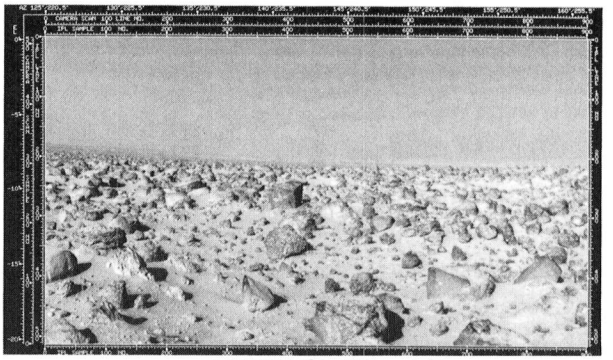
22G229/583 SUN 21G230/583 BB3



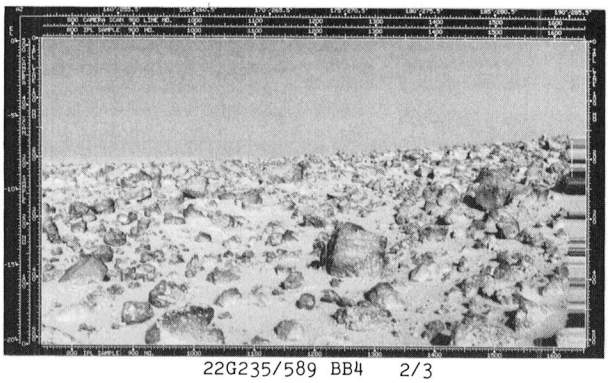
21G231/583 BB3



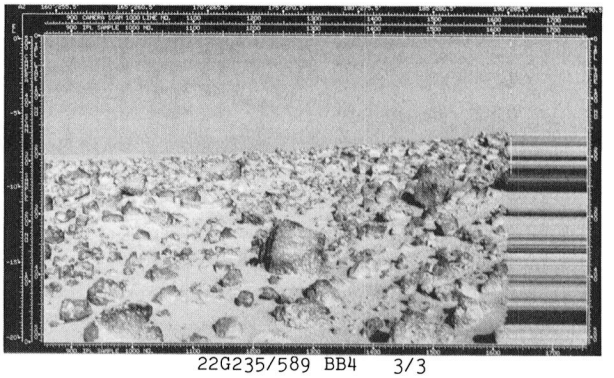
22G232/584 SUN 21G233/584 SUN 22G234/587 SUN



22G235/589 BB4 1/3

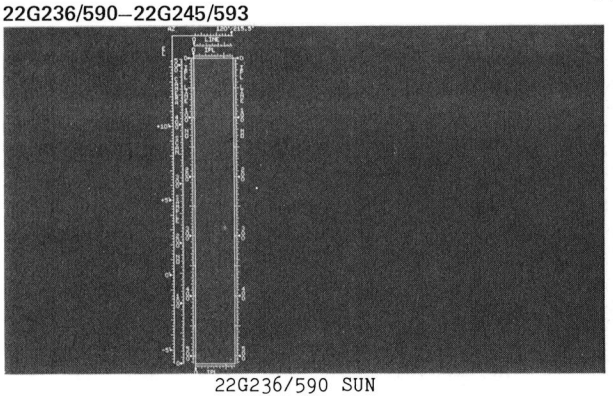


22G235/589 BB4 2/3

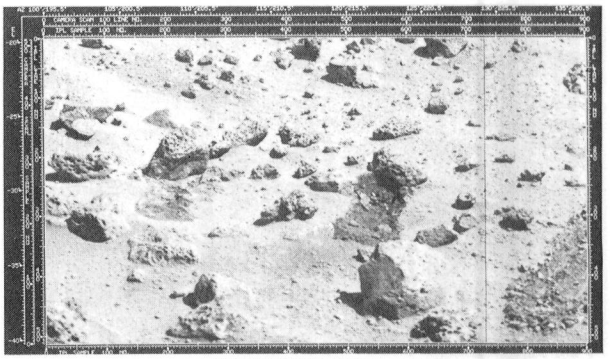


22G235/589 BB4 3/3

22G236/590–22G245/593



22G236/590 SUN



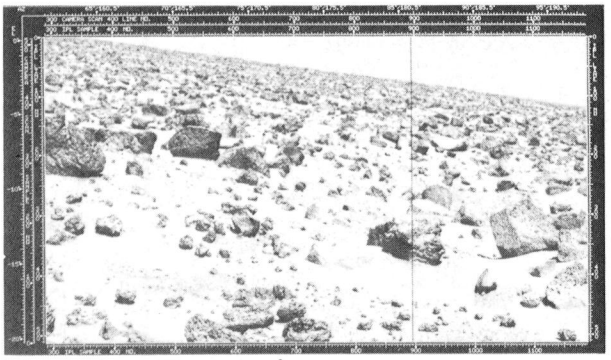
22G237/590 BB3 1/2



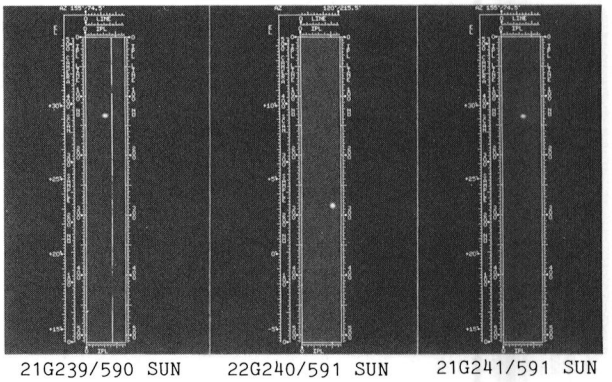
22G237/590 BB3 2/2



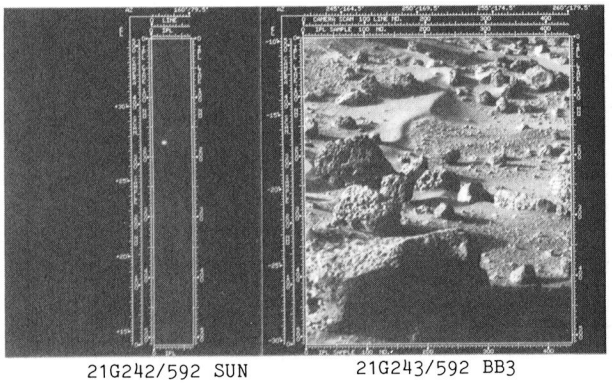
22G238/590 BB3 1/2



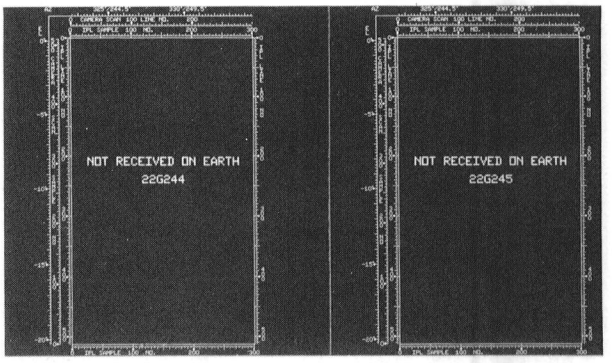
22G238/590 BB3 2/2



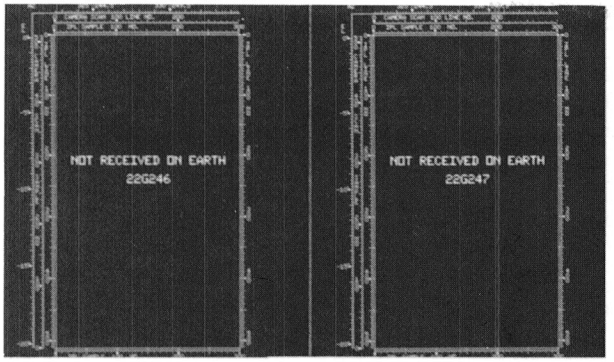
21G239/590 SUN 22G240/591 SUN 21G241/591 SUN



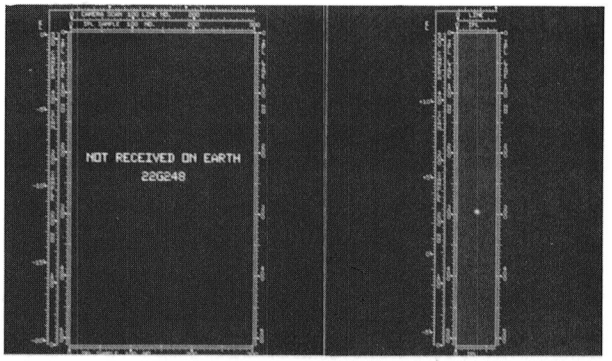
21G242/592 SUN 21G243/592 BB3



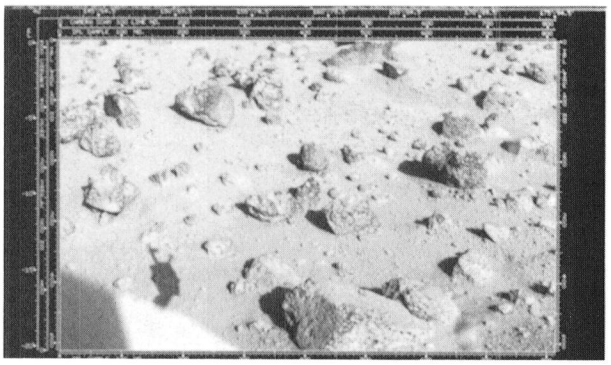
22G244/593 CLR 22G245/593 CLR



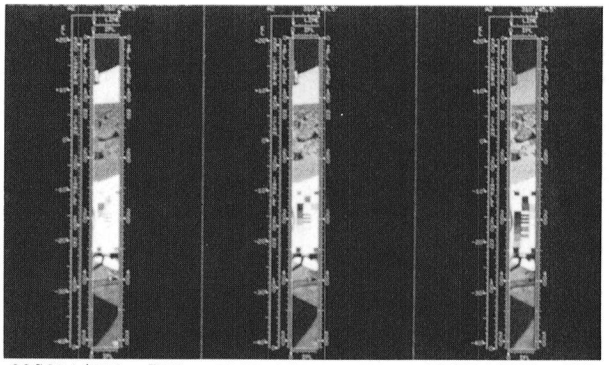
22G246/593 CLR 22G247/593 CLR



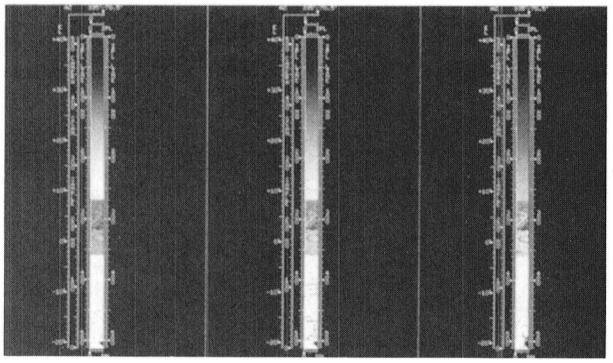
22G248/593 CLR 22G249/593 SUN



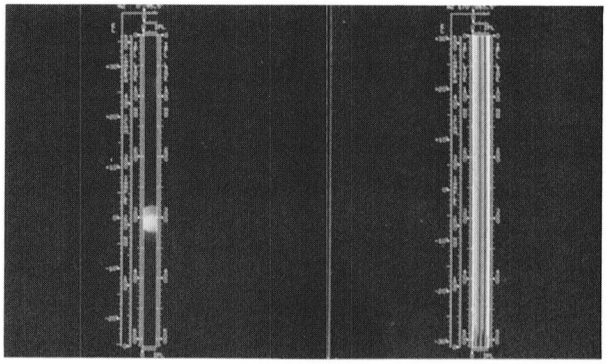
21G250/593 BB3



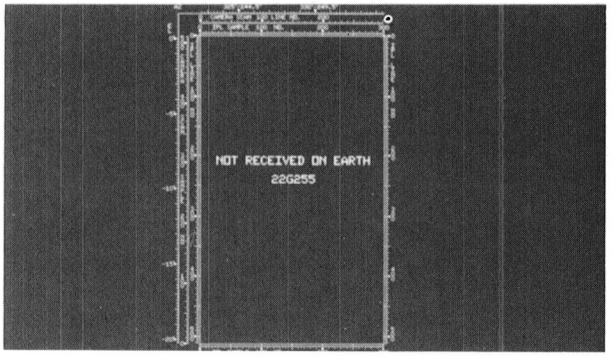
22G251/593 BLU 22G251/593 GRN 22G251/593 RED



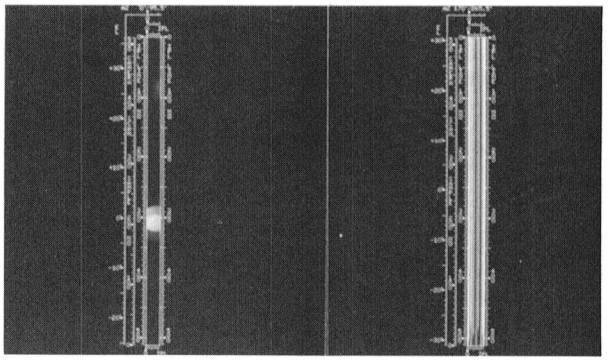
22G252/593 BLU 22G252/593 GRN 22G252/593 RED



22G253/593 BB1 22G254/593 CAL

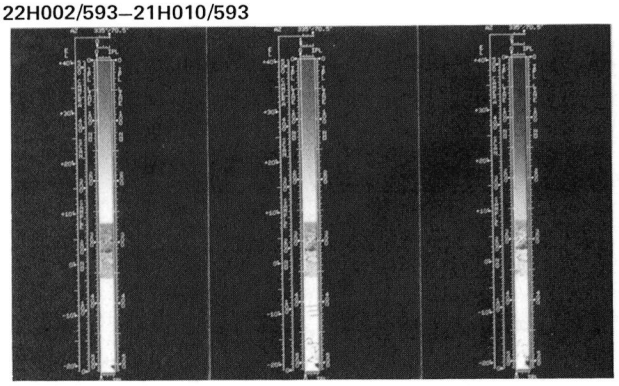


22G255/593 BB1

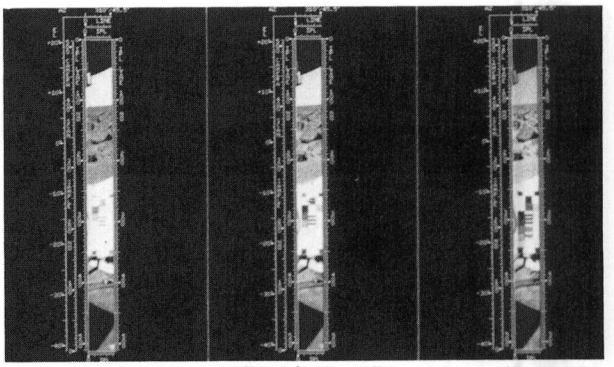


22H000/593 BB1 22H001/593 CAL

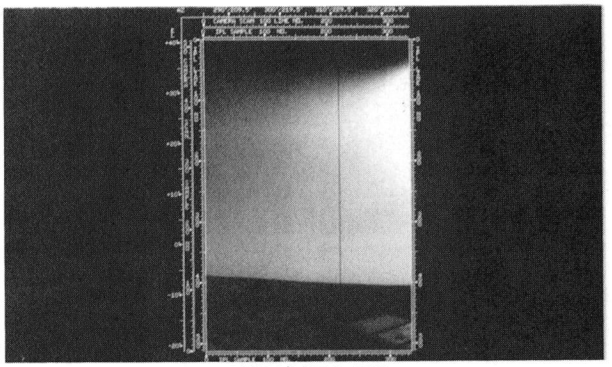
22H002/593–21H010/593



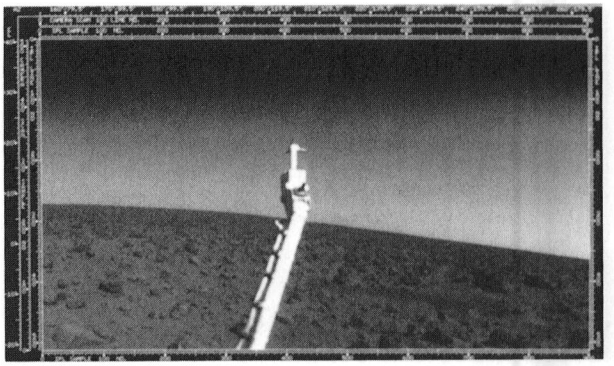
22H002/593 BLU 22H002/593 GRN 22H002/593 RED



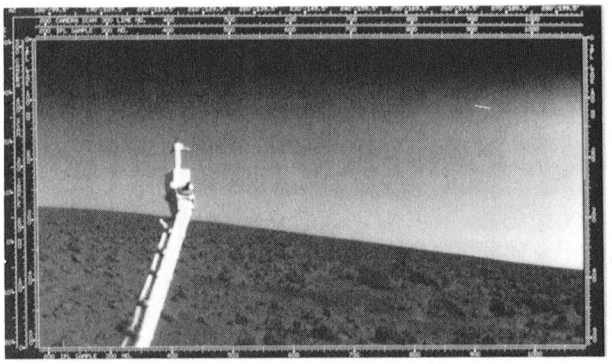
22H003/593 BLU 22H003/593 GRN 22H003/593 RED



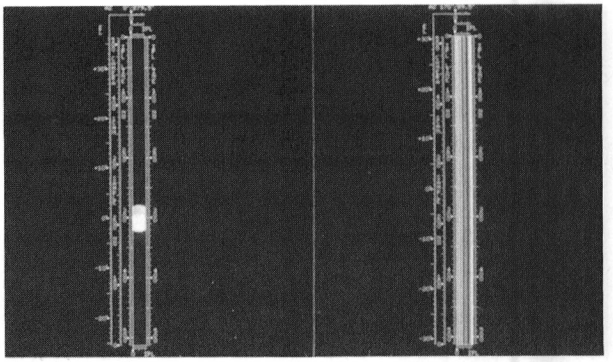
21H004/593 BLU



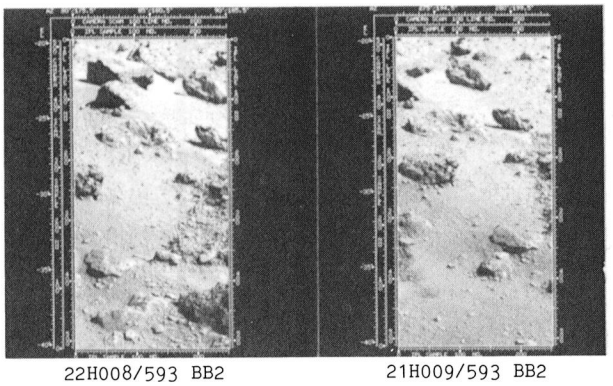
21H005/593 BLU 1/2



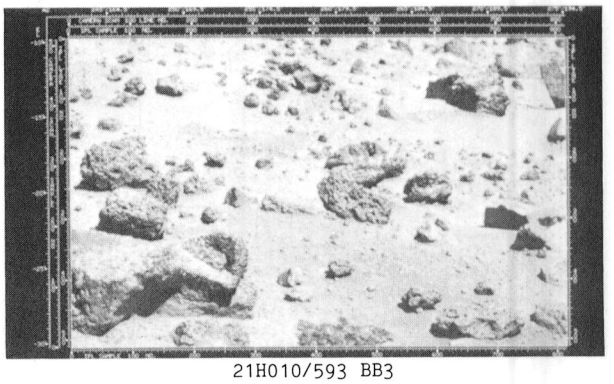
21H005/593 BLU 2/2



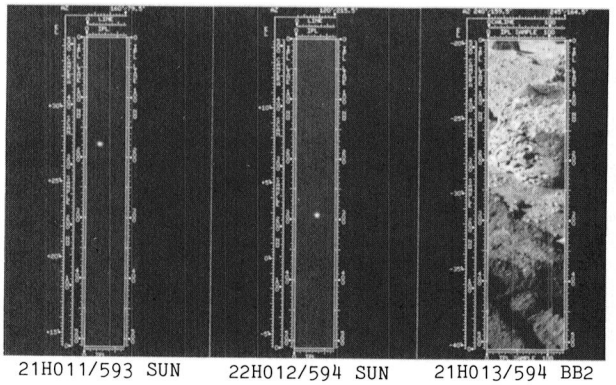
21H006/593 BB1 21H007/593 CAL



22H008/593 BB2 21H009/593 BB2



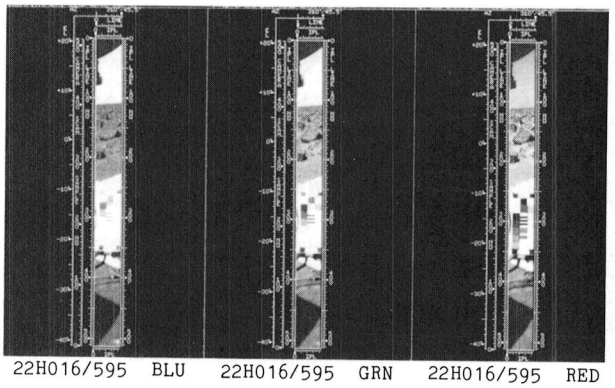
21H010/593 BB3



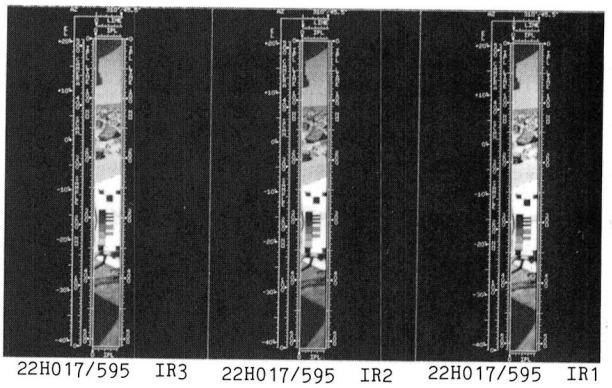
21H011/593 SUN 22H012/594 SUN 21H013/594 BB2



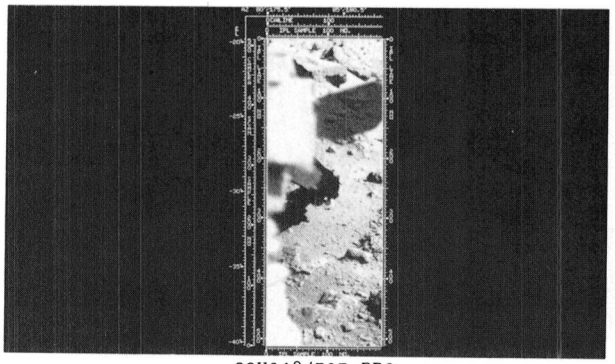
22H014/594 BB2 22H015/595 SUN



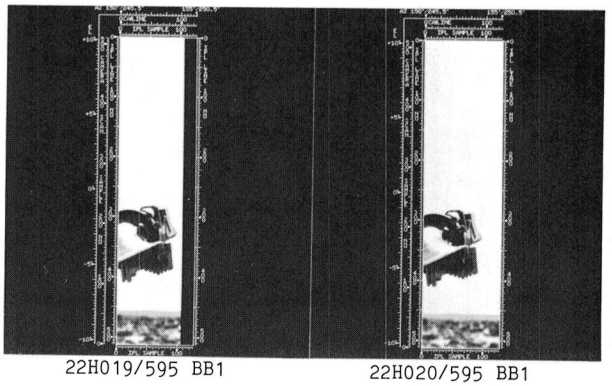
22H016/595 BLU 22H016/595 GRN 22H016/595 RED



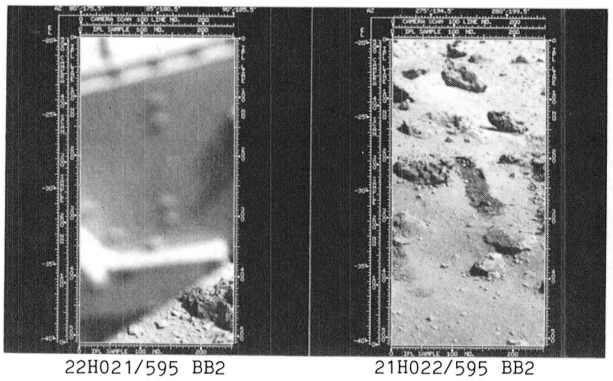
22H017/595 IR3 22H017/595 IR2 22H017/595 IR1



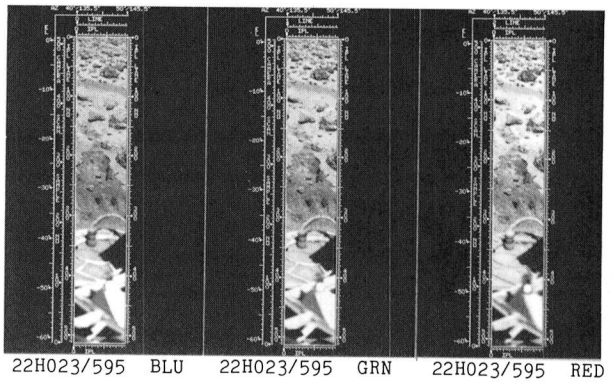
22H018/595 BB2



22H019/595 BB1 22H020/595 BB1

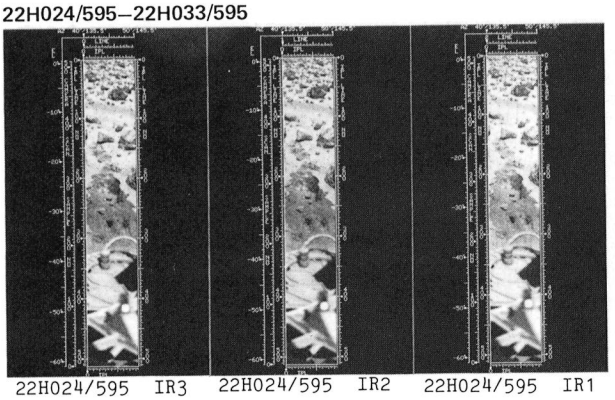


22H021/595 BB2 21H022/595 BB2

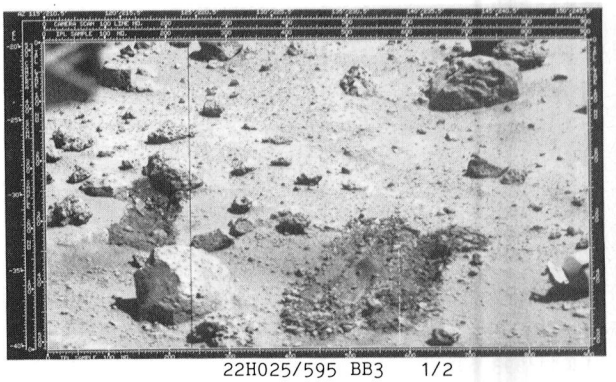


22H023/595 BLU 22H023/595 GRN 22H023/595 RED

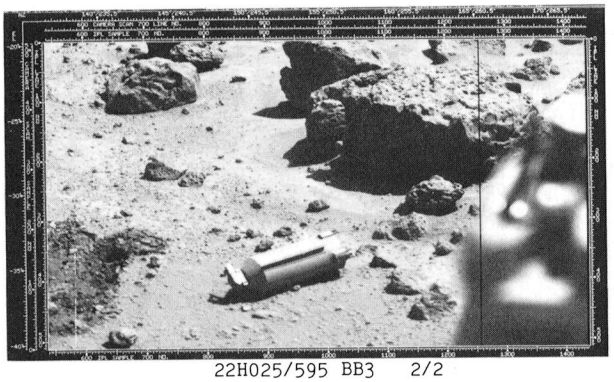
22H024/595–22H033/595



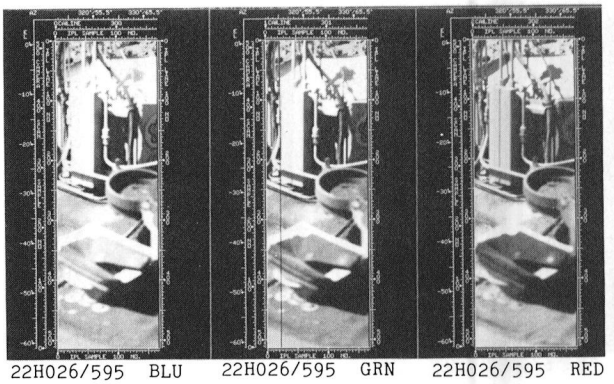
22H024/595 IR3 22H024/595 IR2 22H024/595 IR1



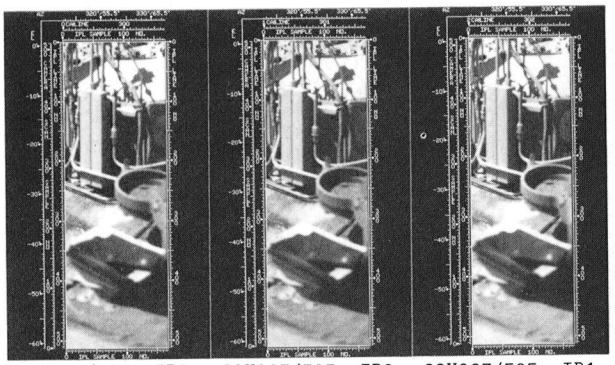
22H025/595 BB3 1/2



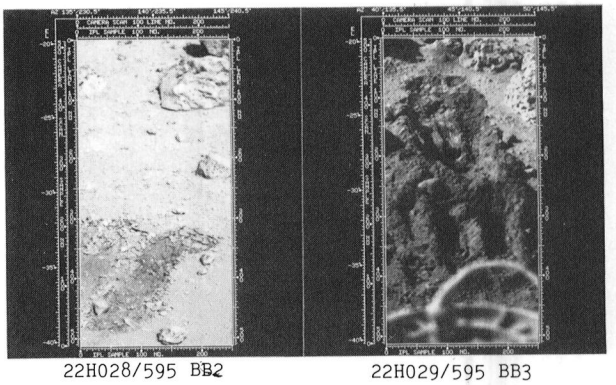
22H025/595 BB3 2/2



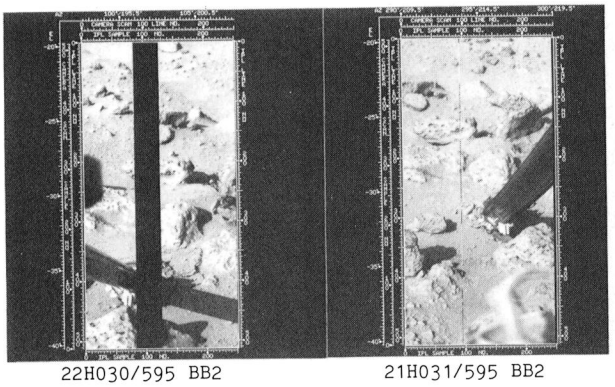
22H026/595 BLU 22H026/595 GRN 22H026/595 RED



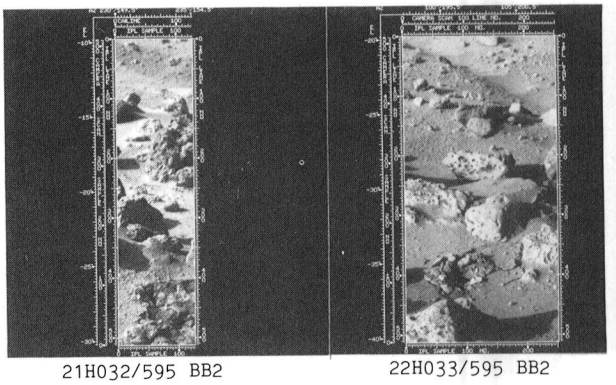
22H027/595 IR3 22H027/595 IR2 22H027/595 IR1



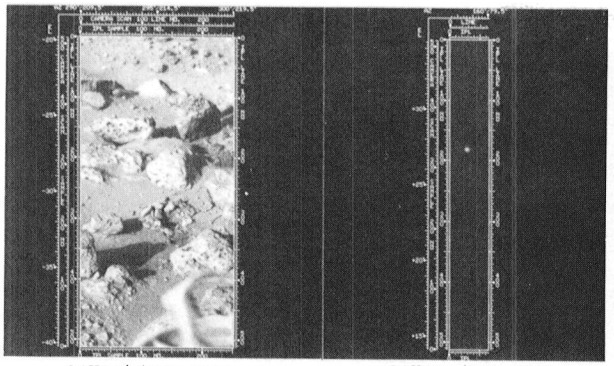
22H028/595 BB2 22H029/595 BB3



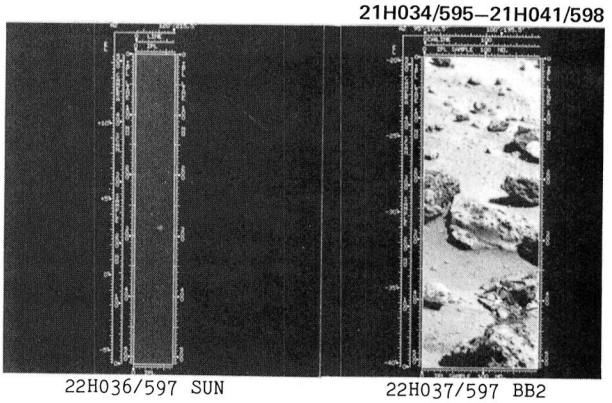
22H030/595 BB2 21H031/595 BB2



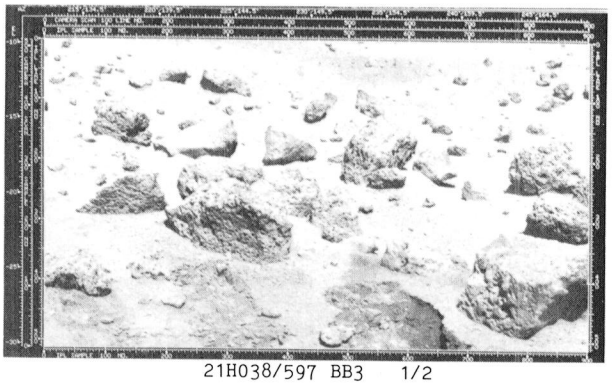
21H032/595 BB2 22H033/595 BB2



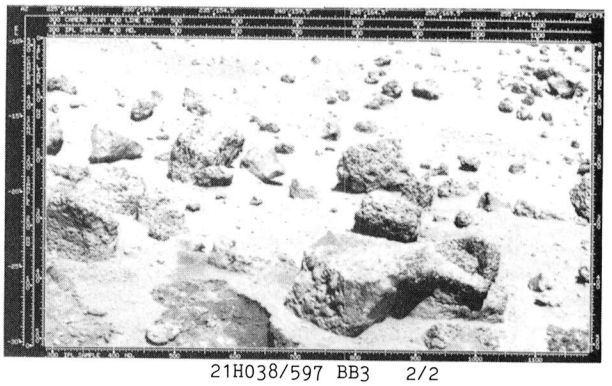
21H034/595 BB2 21H035/595 SUN



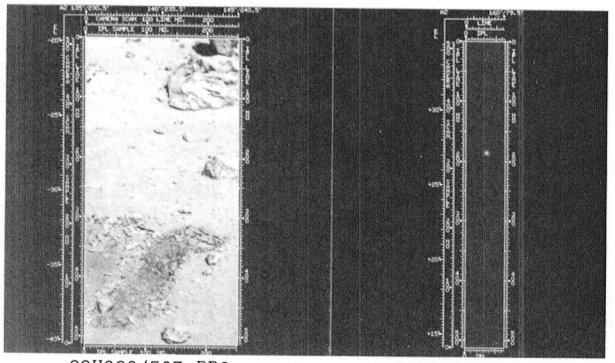
22H036/597 SUN 22H037/597 BB2



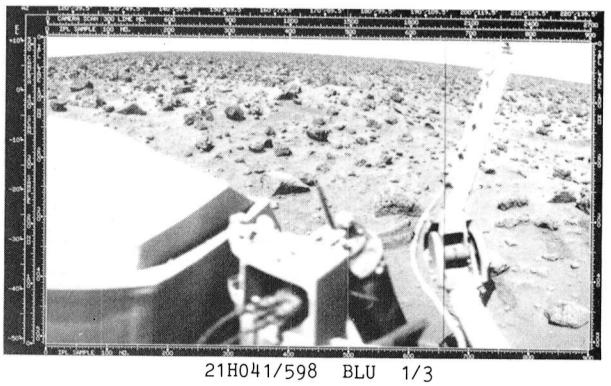
21H038/597 BB3 1/2



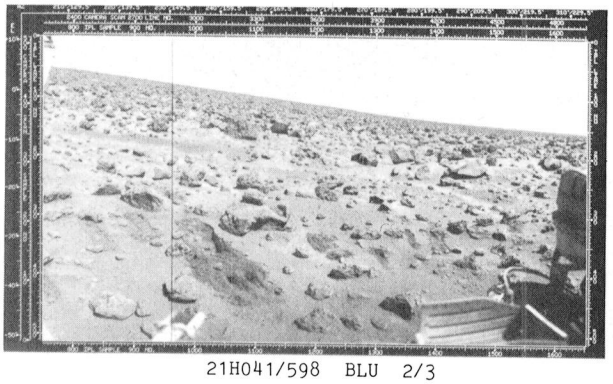
21H038/597 BB3 2/2



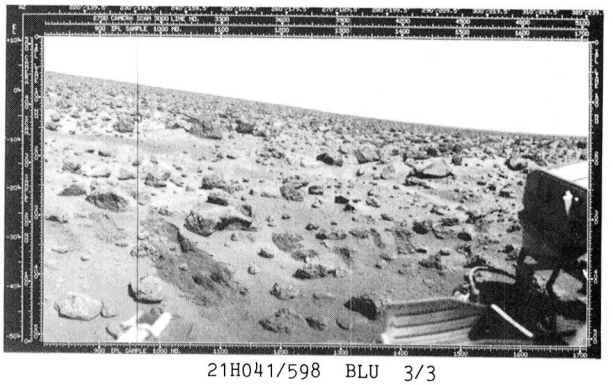
22H039/597 BB2 21H040/597 SUN



21H041/598 BLU 1/3

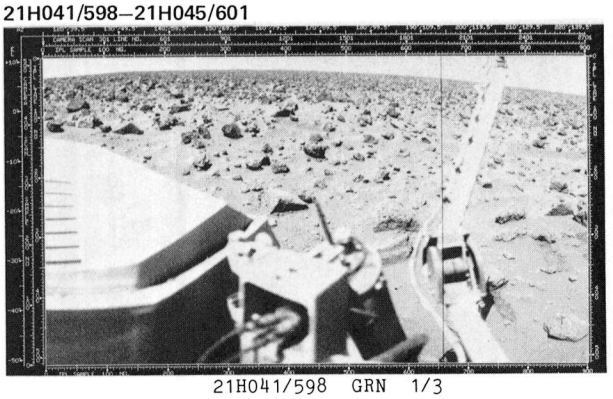


21H041/598 BLU 2/3



21H041/598 BLU 3/3

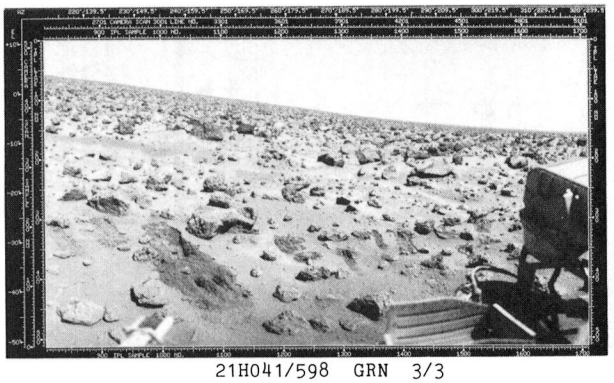
21H041/598—21H045/601



21H041/598 GRN 1/3



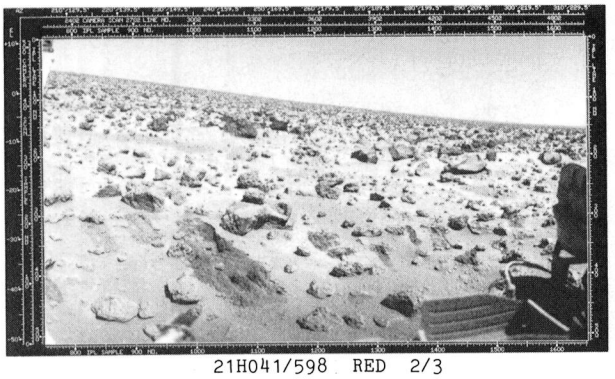
21H041/598 GRN 2/3



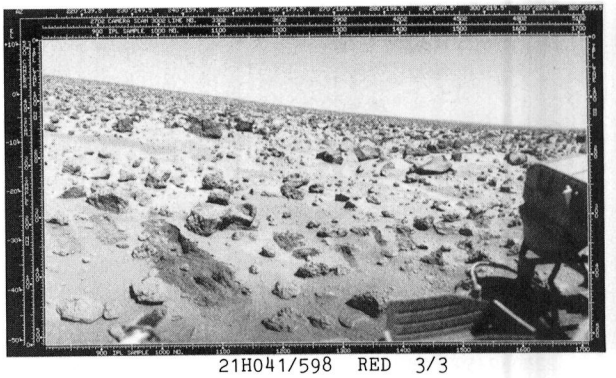
21H041/598 GRN 3/3



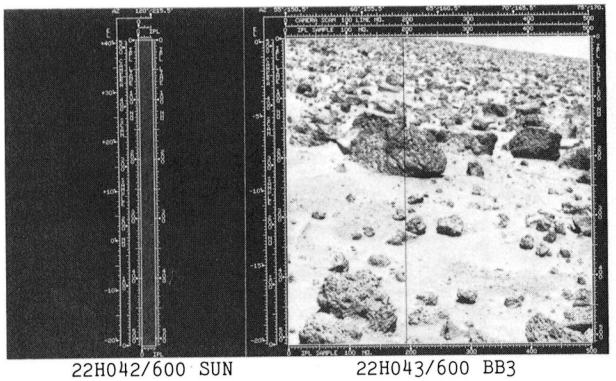
21H041/598 RED 1/3



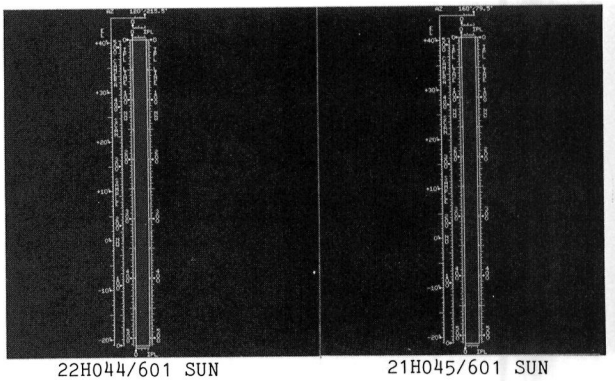
21H041/598 RED 2/3



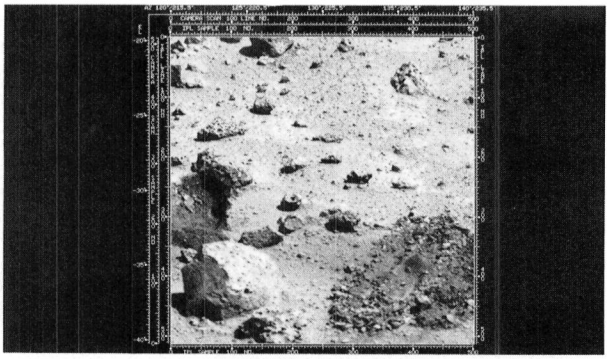
21H041/598 RED 3/3



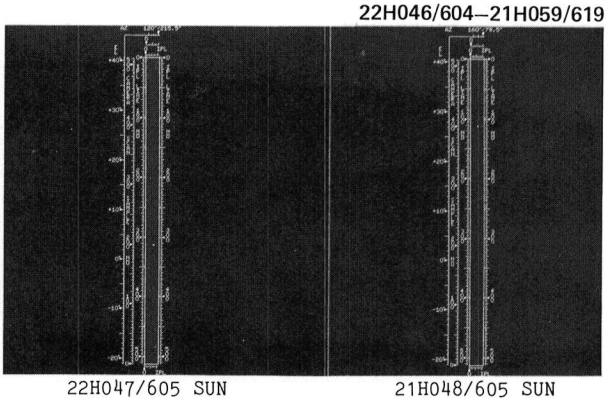
22H042/600 SUN 22H043/600 BB3



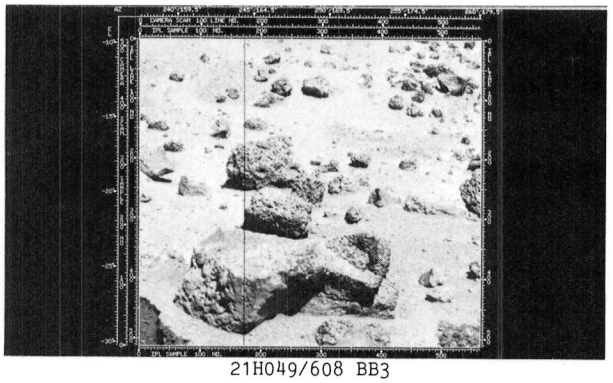
22H044/601 SUN 21H045/601 SUN



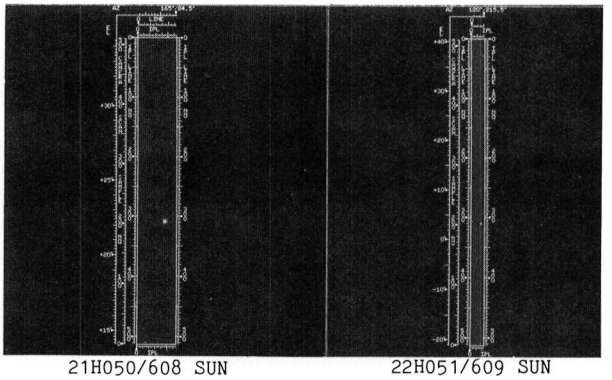
22H046/604 BB3



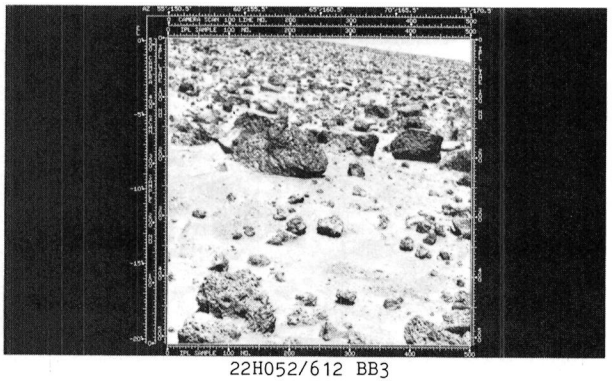
22H047/605 SUN 21H048/605 SUN



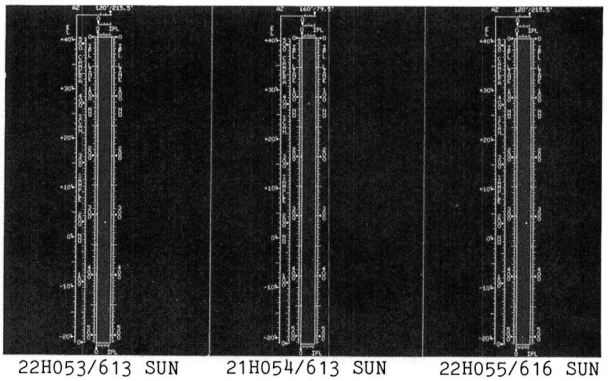
21H049/608 BB3



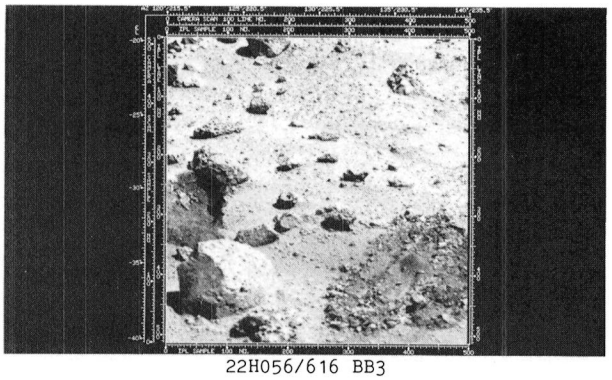
21H050/608 SUN 22H051/609 SUN



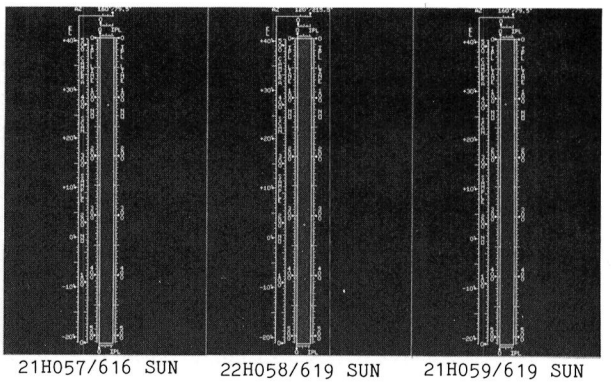
22H052/612 BB3



22H053/613 SUN 21H054/613 SUN 22H055/616 SUN



22H056/616 BB3

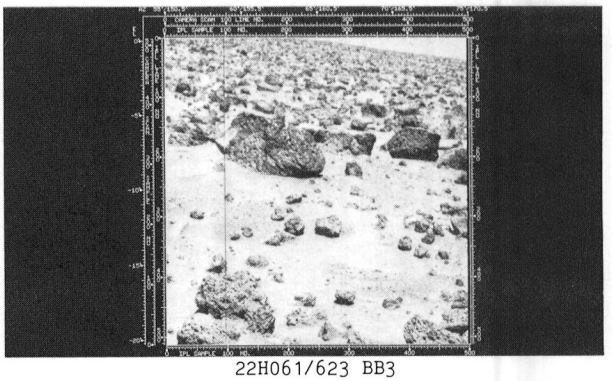


21H057/616 SUN 22H058/619 SUN 21H059/619 SUN

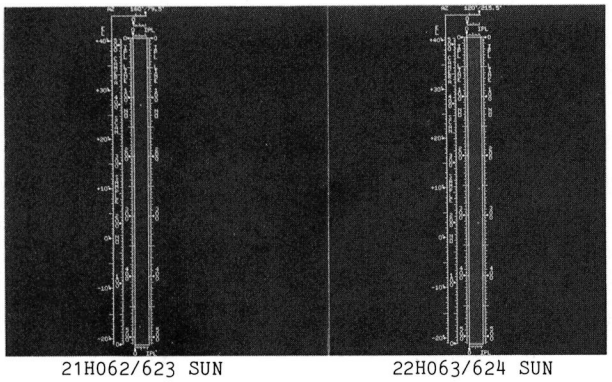
21H060/620–21H067/626



21H060/620 BB3

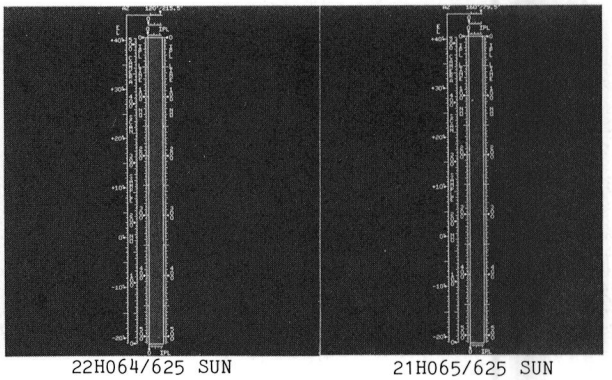


22H061/623 BB3



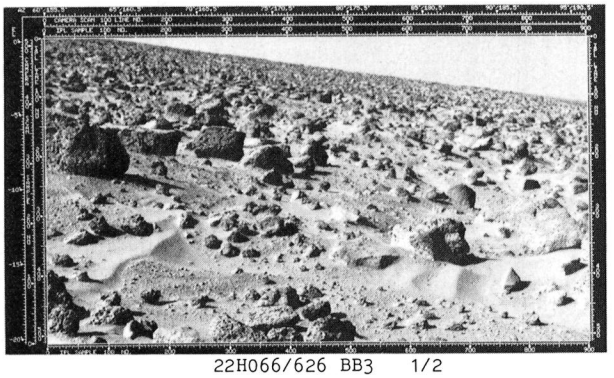
21H062/623 SUN

22H063/624 SUN



22H064/625 SUN

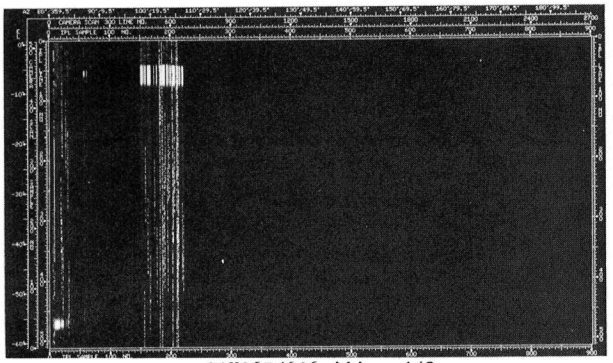
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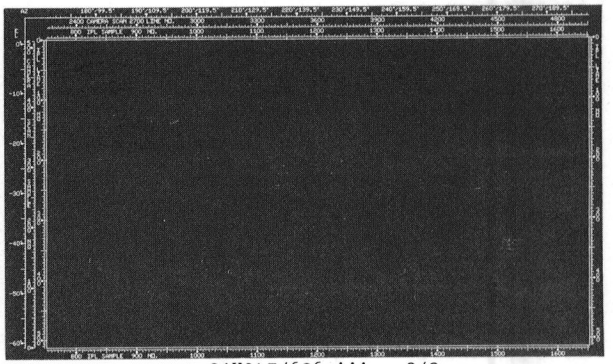
22H066/626 BB3 1/2



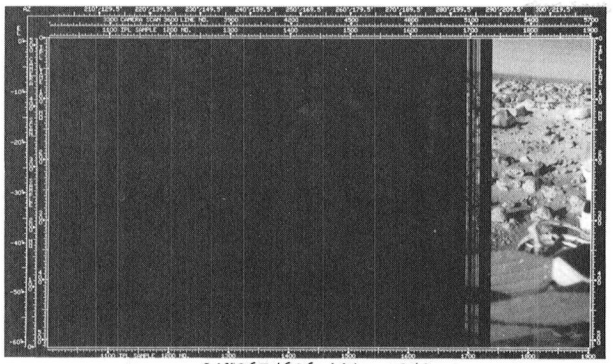
22H066/626 BB3 2/2



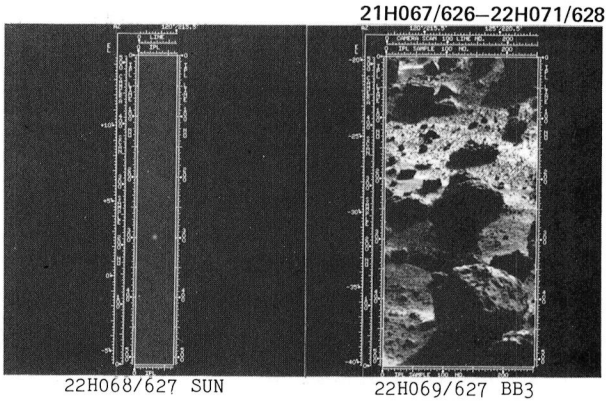
21H067/626 !!! 1/3



21H067/626 !!! 2/3

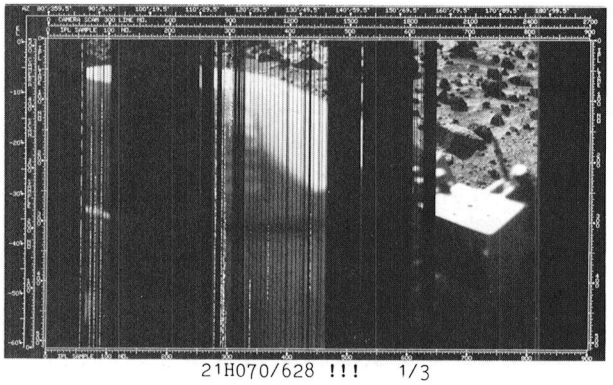


21H067/626 !!! 3/3

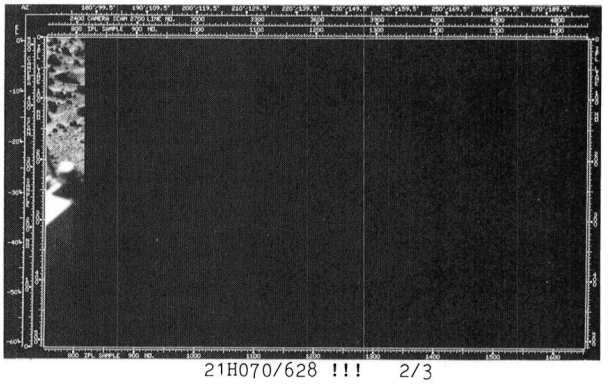


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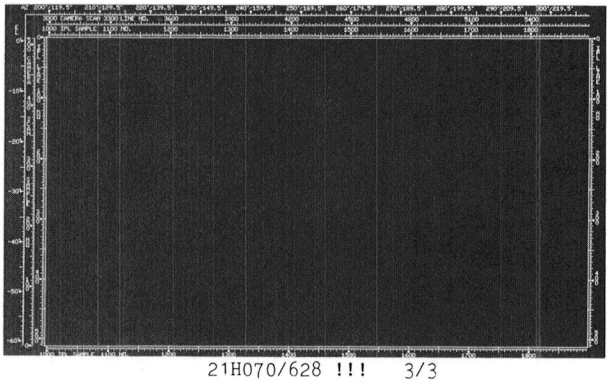
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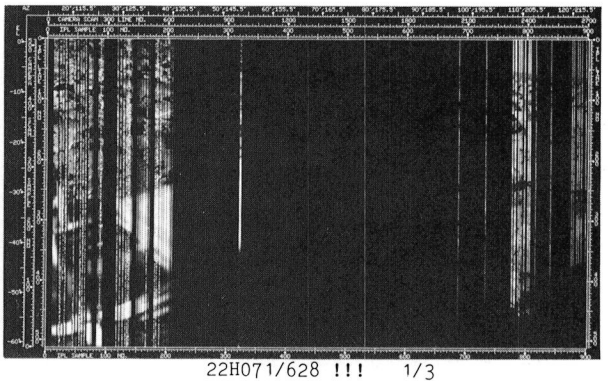
21H070/628 !!! 1/3



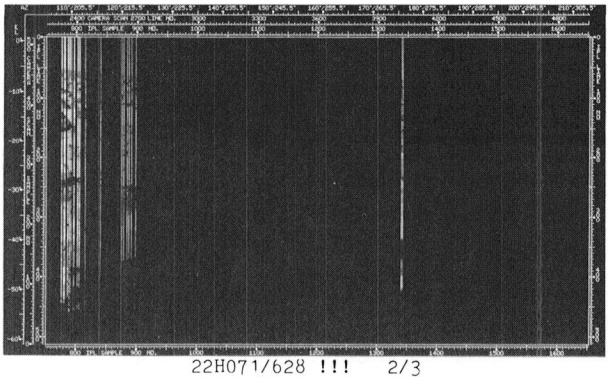
21H070/628 !!! 2/3



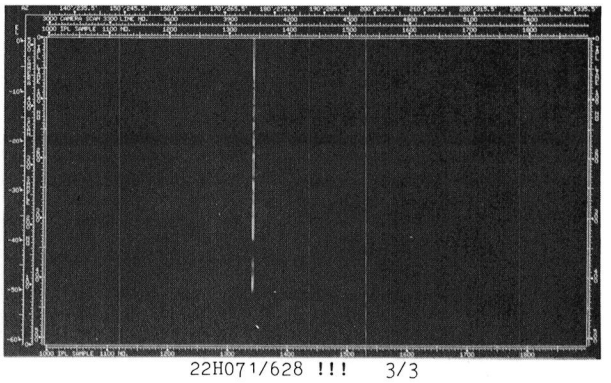
21H070/628 !!! 3/3



22H071/628 !!! 1/3

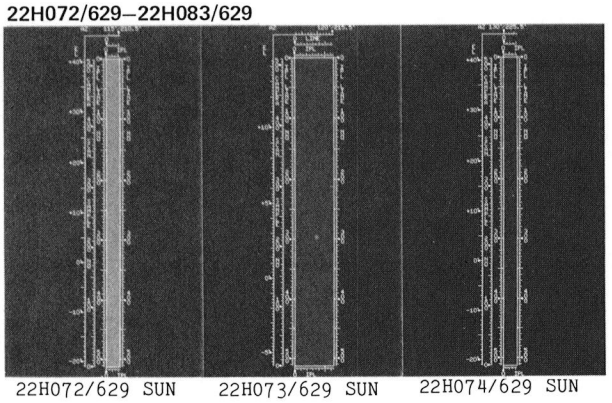


22H071/628 !!! 2/3

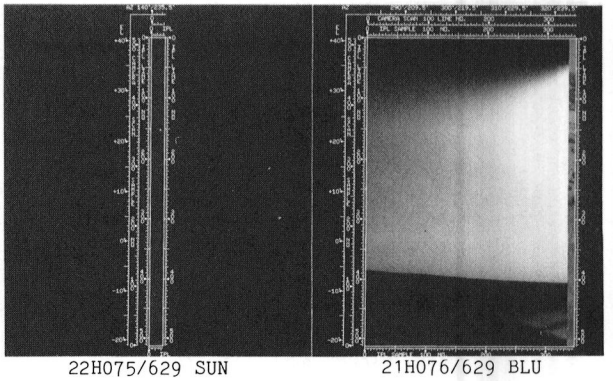


22H071/628 !!! 3/3

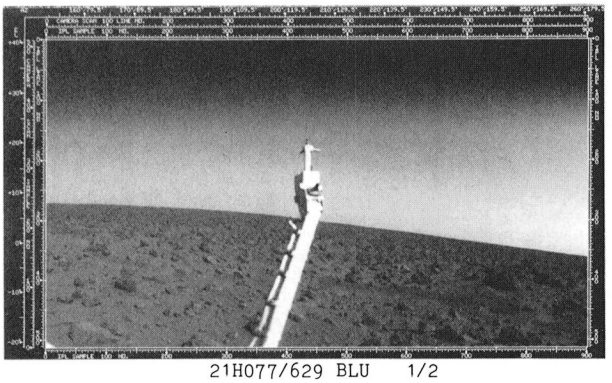
22H072/629–22H083/629



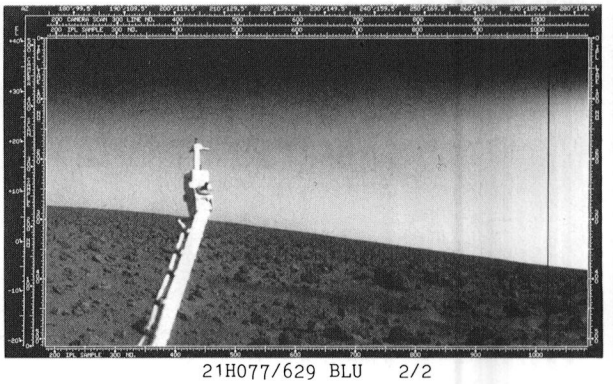
22H072/629 SUN 22H073/629 SUN 22H074/629 SUN



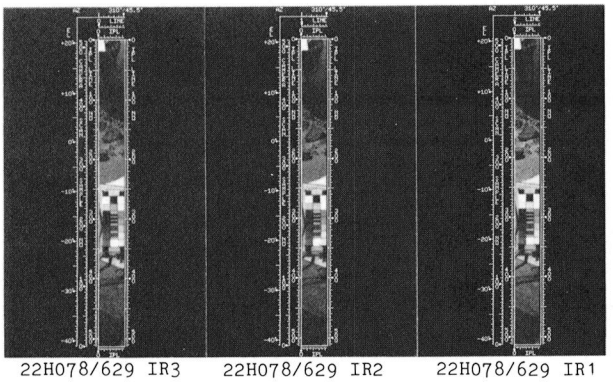
22H075/629 SUN 21H076/629 BLU



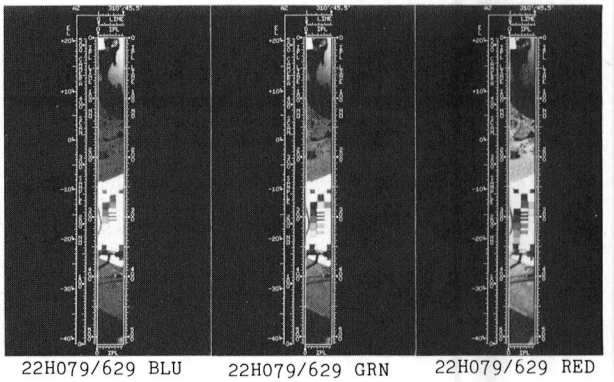
21H077/629 BLU 1/2



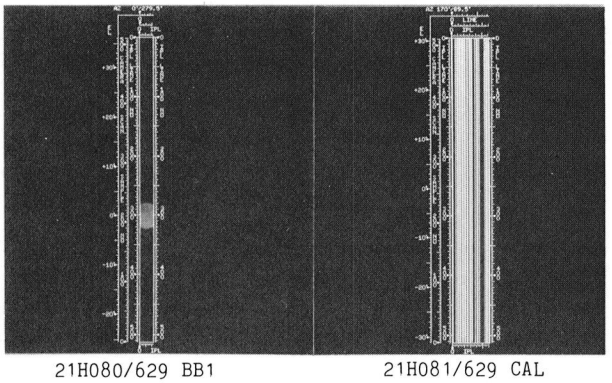
21H077/629 BLU 2/2



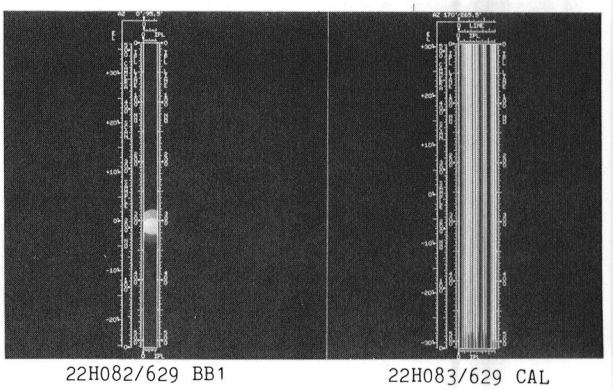
22H078/629 IR3 22H078/629 IR2 22H078/629 IR1



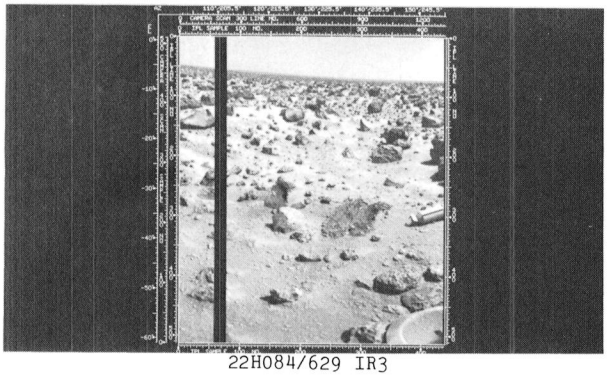
22H079/629 BLU 22H079/629 GRN 22H079/629 RED



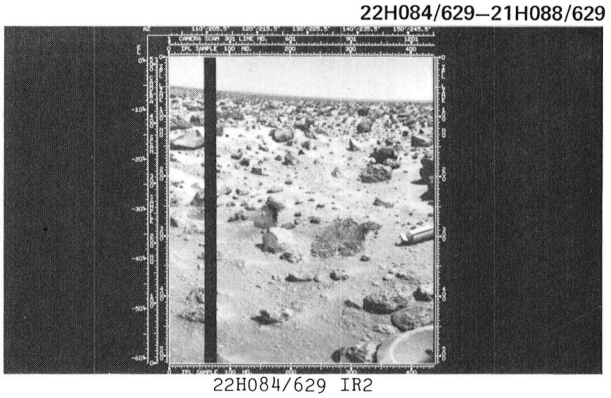
21H080/629 BB1 21H081/629 CAL



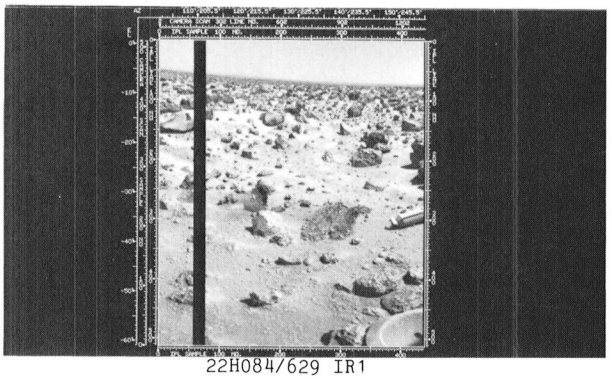
22H082/629 BB1 22H083/629 CAL



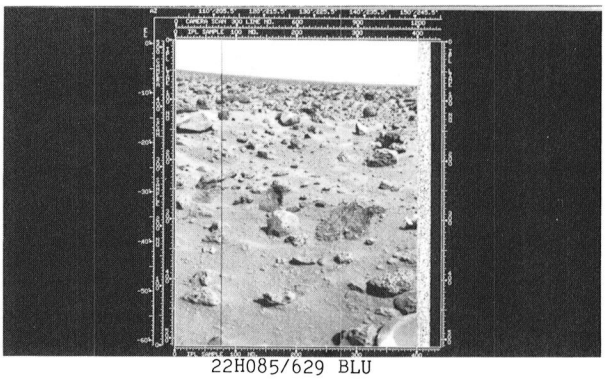
22H084/629 IR3



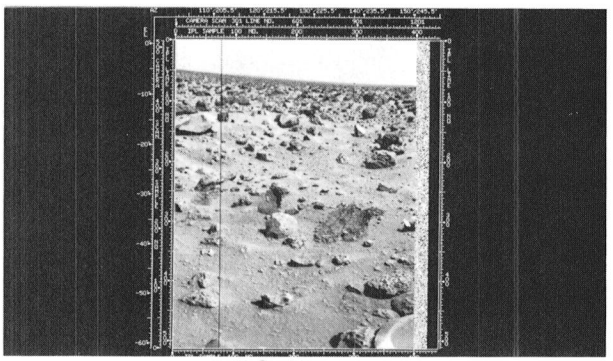
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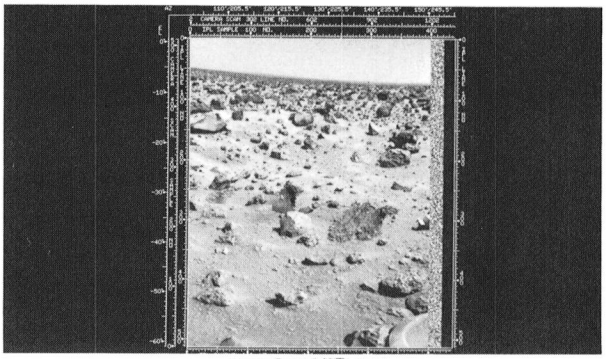
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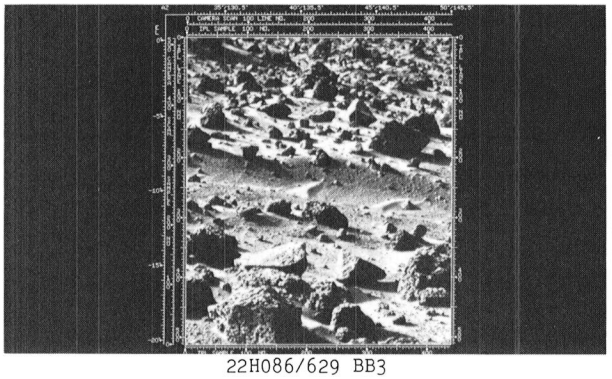
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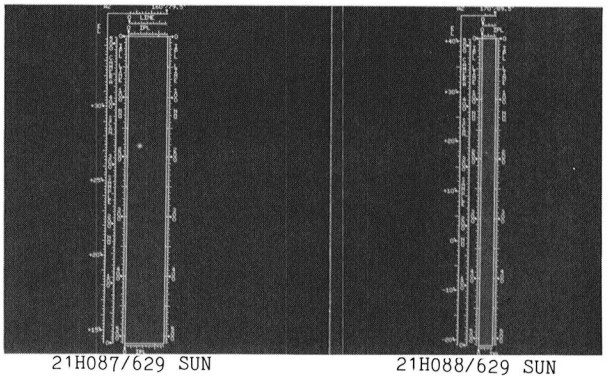
22H085/629 GRN



22H085/629 RED



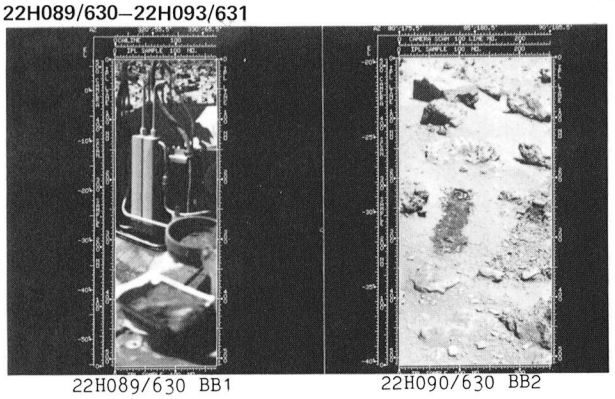
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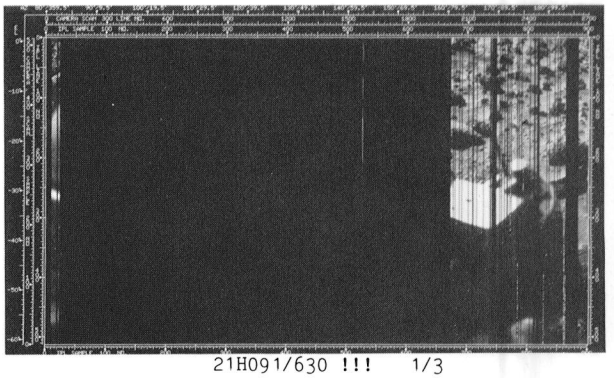
21H087/629 SUN

21H088/629 SUN

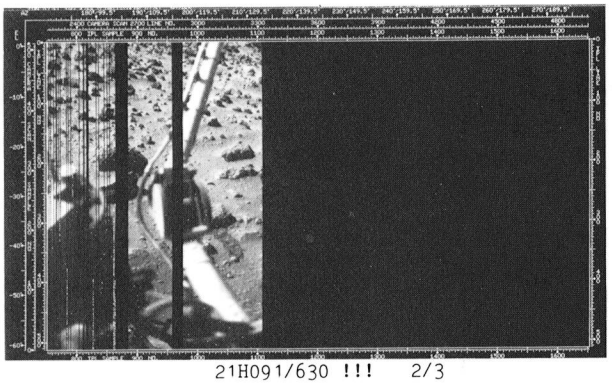
22H089/630–22H093/631



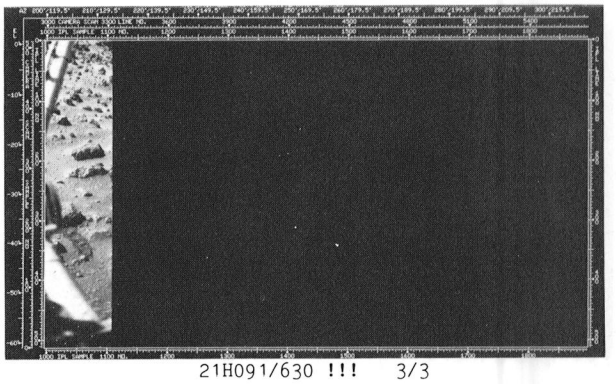
22H089/630 BB1 22H090/630 BB2



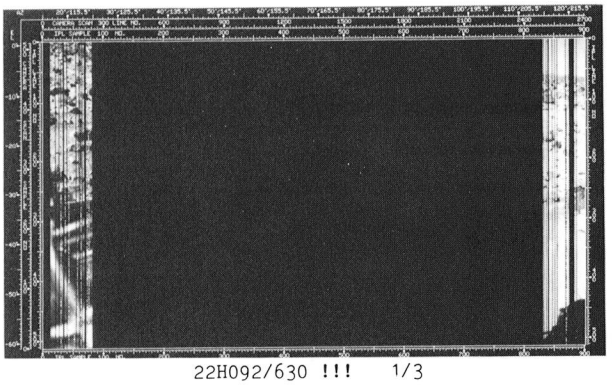
21H091/630 !!! 1/3



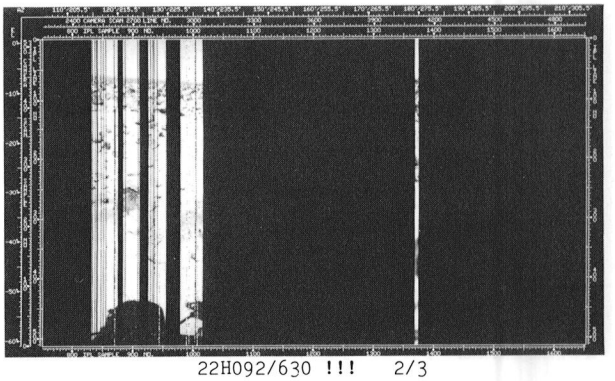
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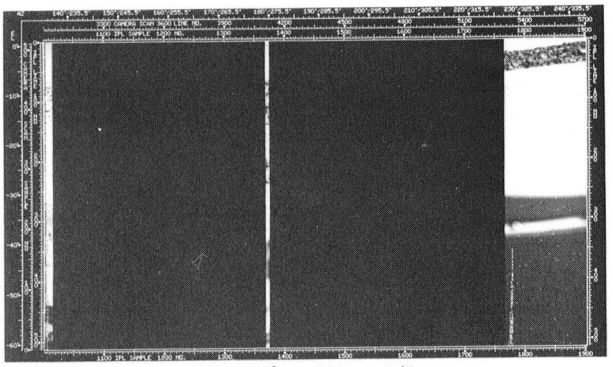
21H091/630 !!! 3/3



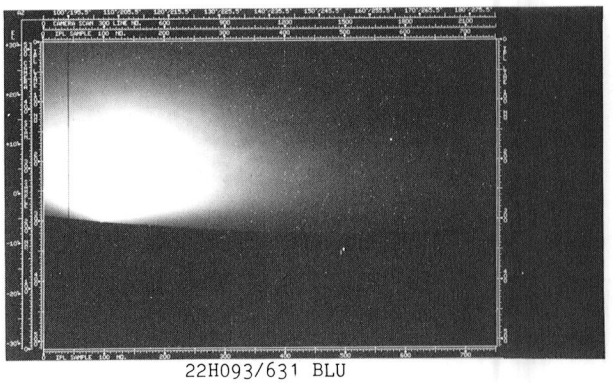
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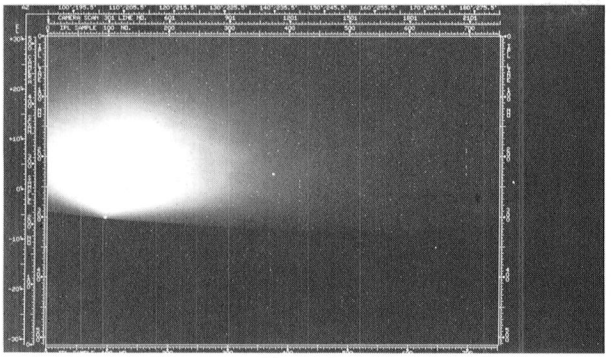
22H092/630 !!! 2/3



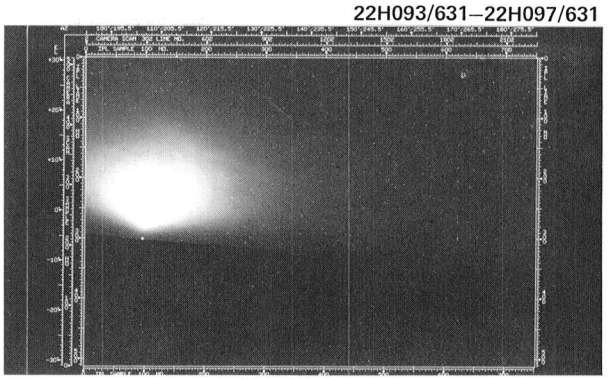
22H092/630 !!! 3/3



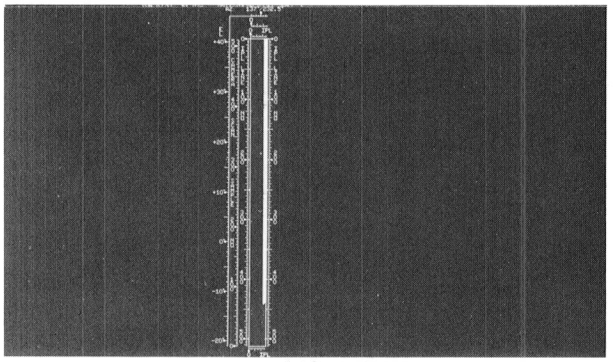
22H093/631 BLU



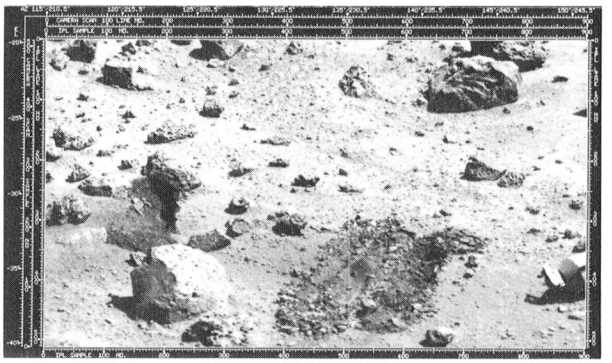
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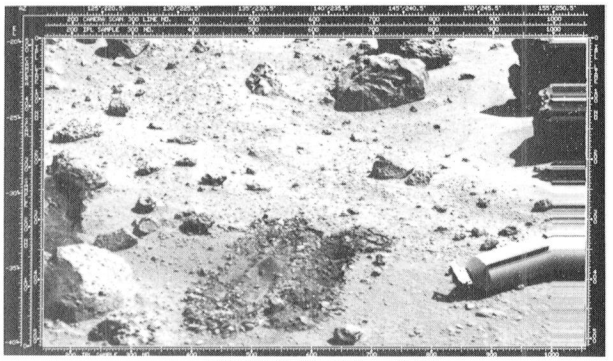
22H093/631 RED



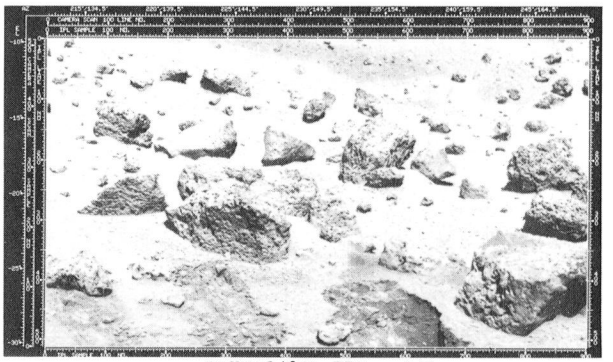
22H094/631 SUN



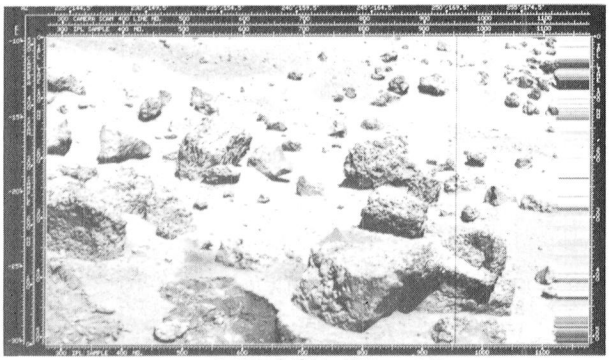
22H095/631 BB3 1/2



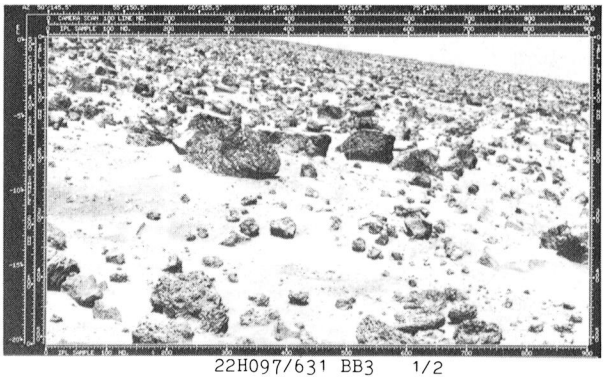
22H095/631 BB3 2/2



21H096/631 BB3 1/2



21H096/631 BB3 2/2

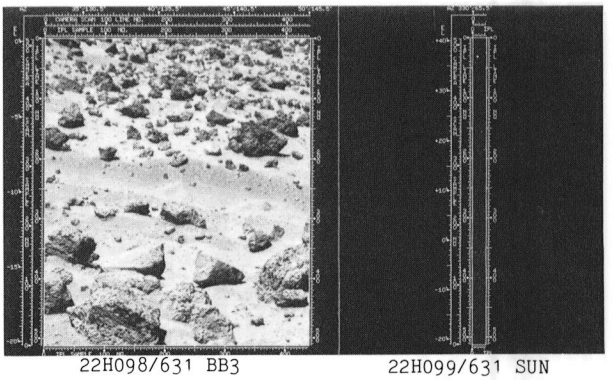


22H097/631 BB3 1/2

22H097/631–22H101/632

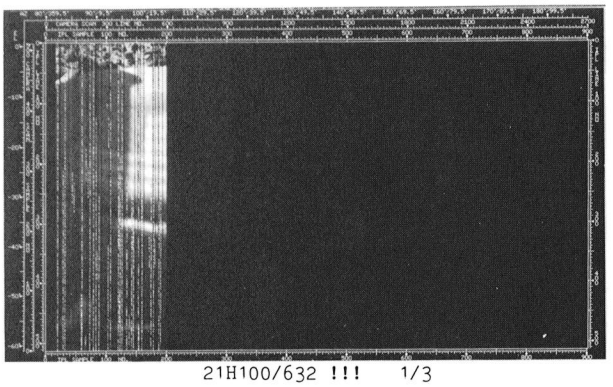


22H097/631 BB3 2/2

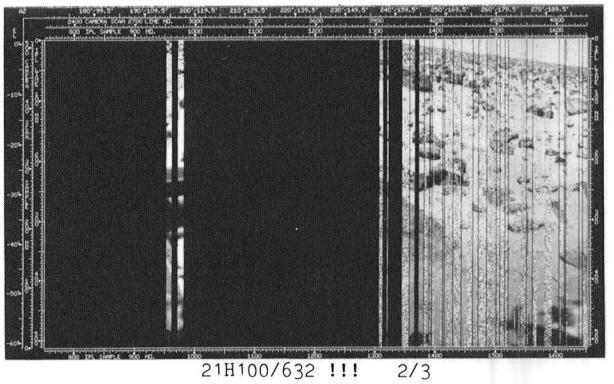


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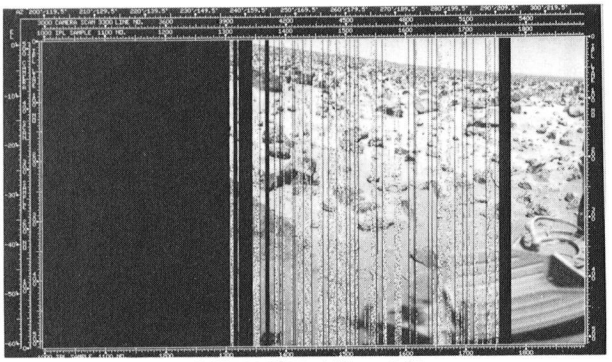
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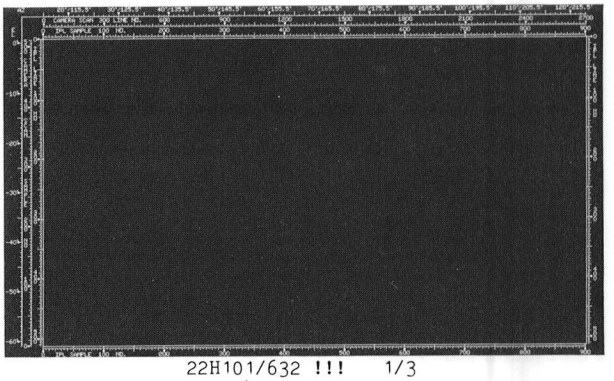
21H100/632 !!! 1/3



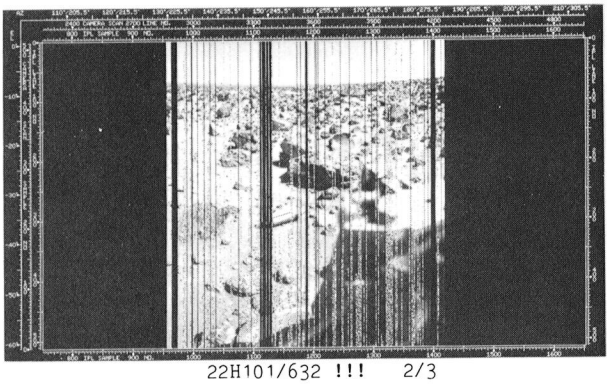
21H100/632 !!! 2/3



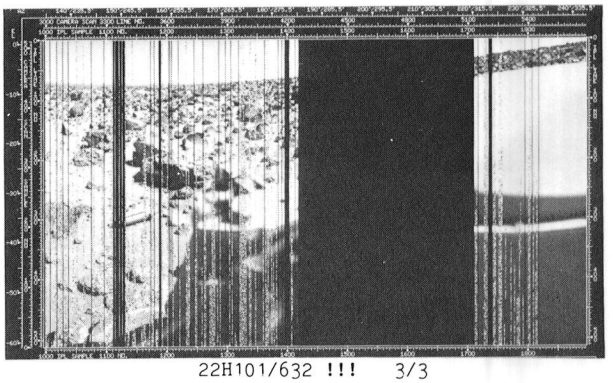
21H100/632 !!! 3/3



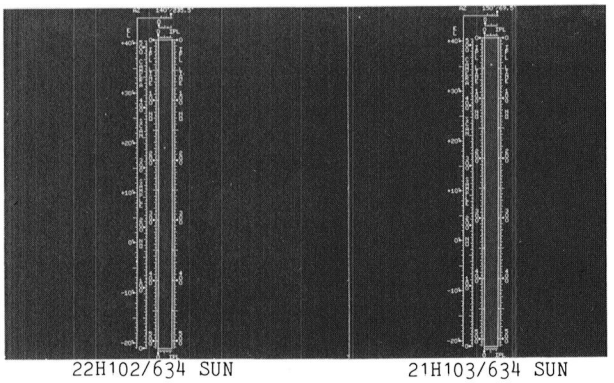
22H101/632 !!! 1/3



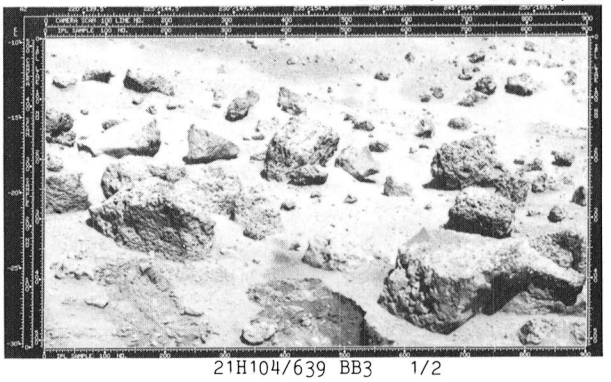
22H101/632 !!! 2/3



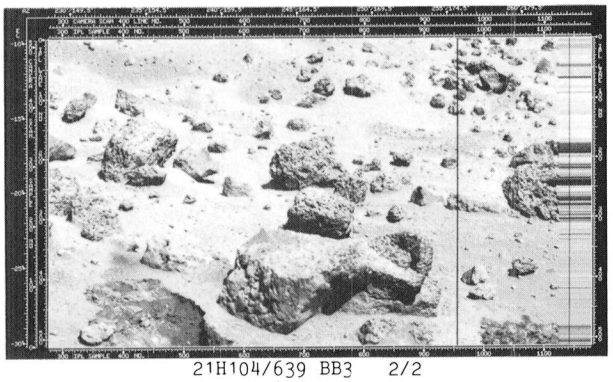
22H101/632 !!! 3/3



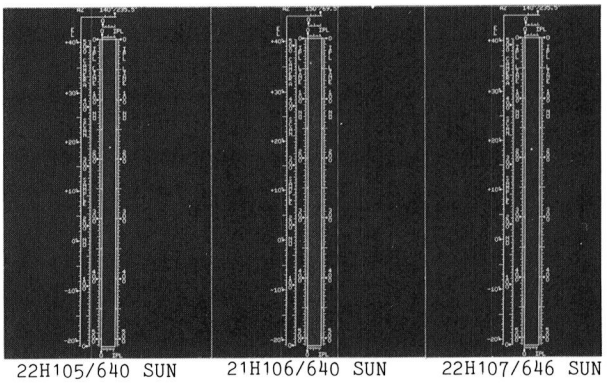
22H102/634 SUN 21H103/634 SUN



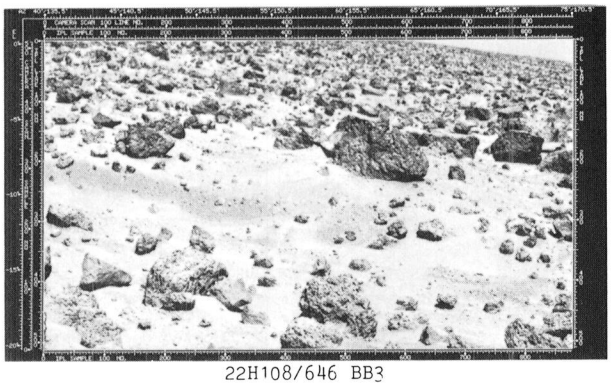
21H104/639 BB3 1/2



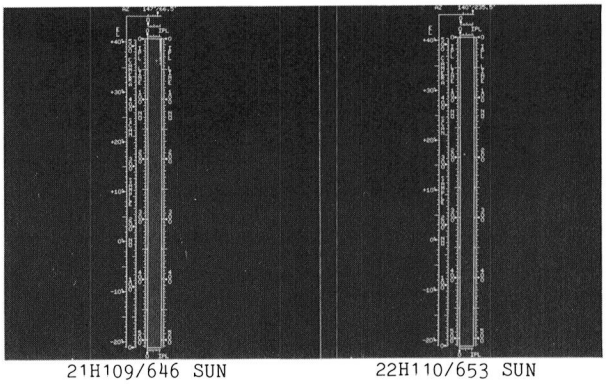
21H104/639 BB3 2/2



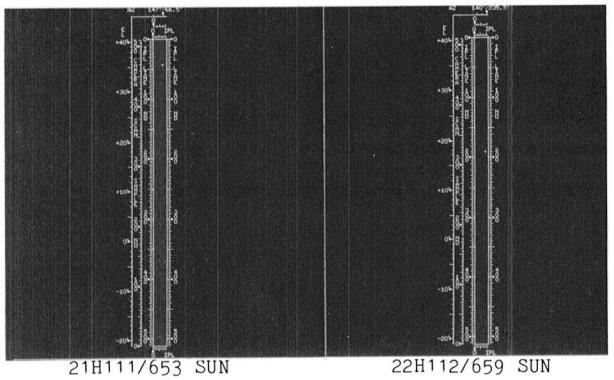
22H105/640 SUN 21H106/640 SUN 22H107/646 SUN



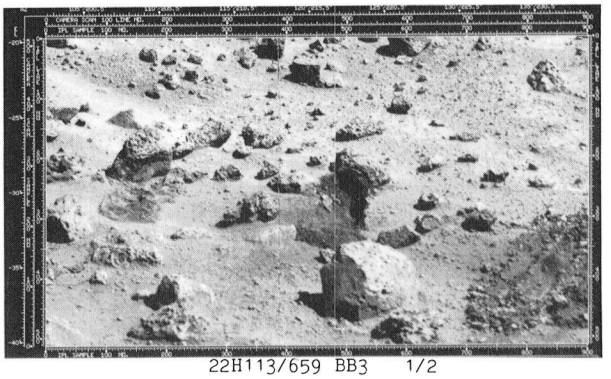
22H108/646 BB3



21H109/646 SUN 22H110/653 SUN

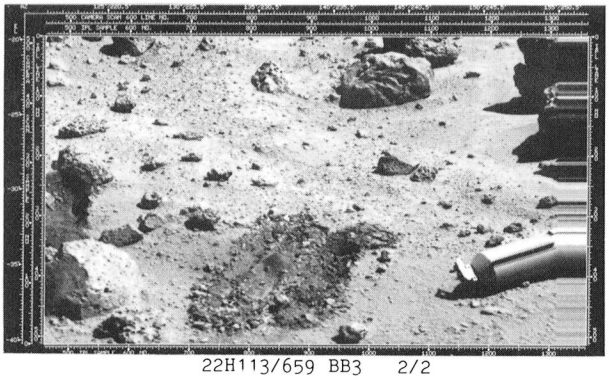


21H111/653 SUN 22H112/659 SUN

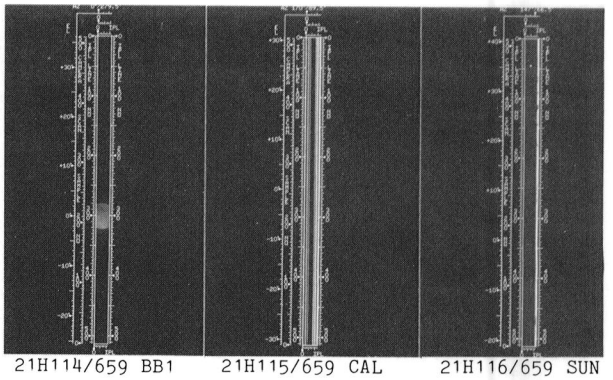


22H113/659 BB3 1/2

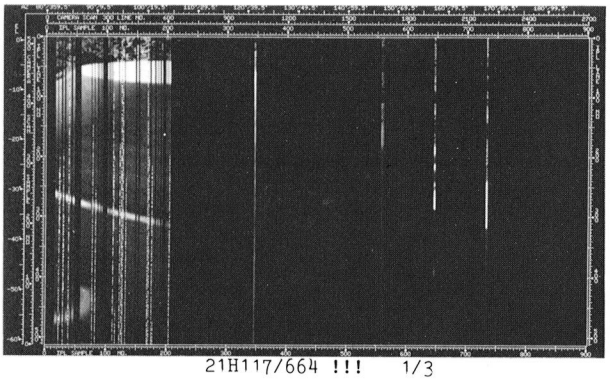
22H113/659–21H121/667



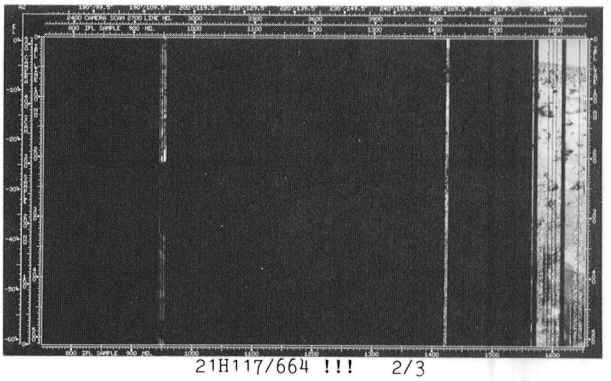
22H113/659 BB3 2/2



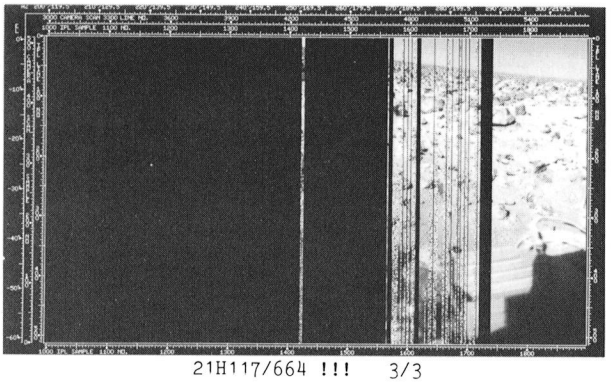
21H114/659 BB1 21H115/659 CAL 21H116/659 SUN



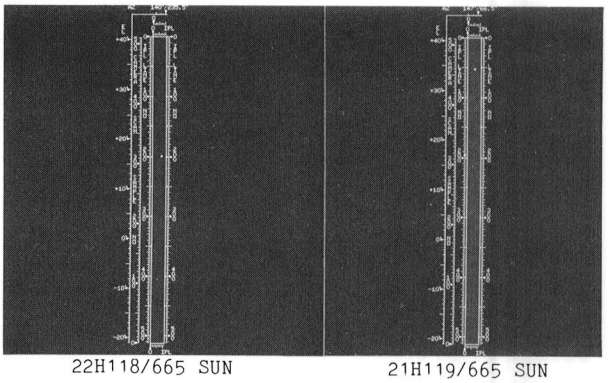
21H117/664 !!! 1/3



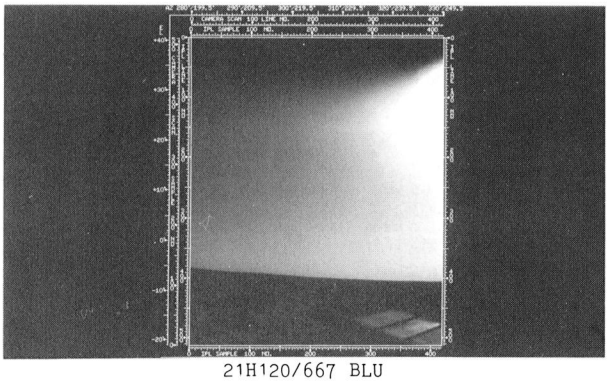
21H117/664 !!! 2/3



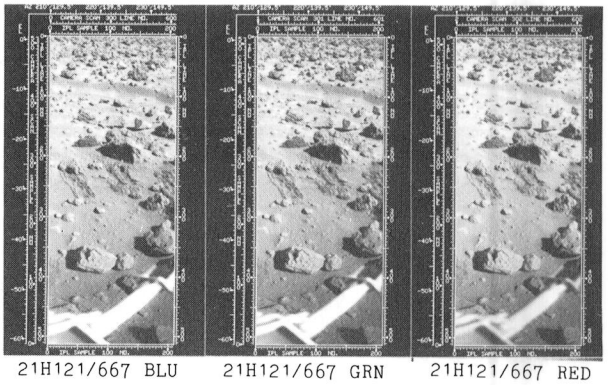
21H117/664 !!! 3/3



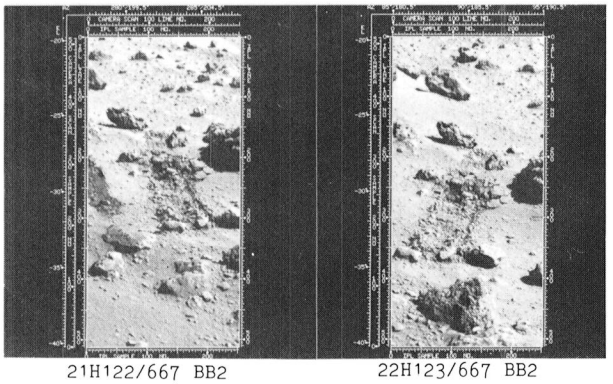
22H118/665 SUN 21H119/665 SUN



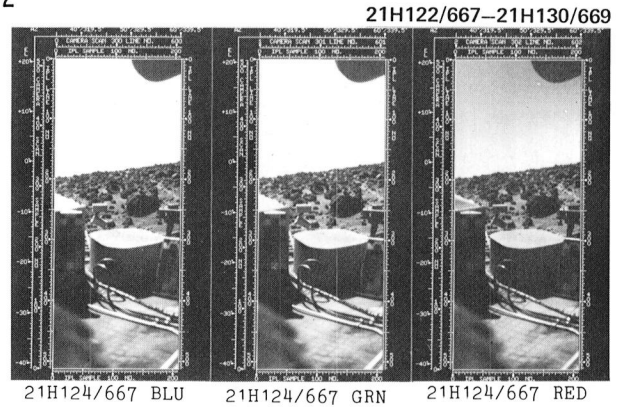
21H120/667 BLU



21H121/667 BLU 21H121/667 GRN 21H121/667 RED



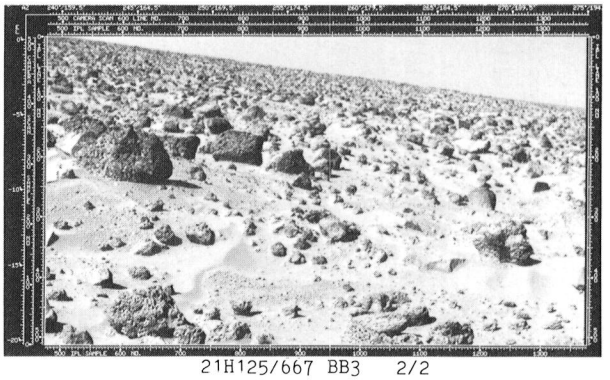
21H122/667 BB2 22H123/667 BB2



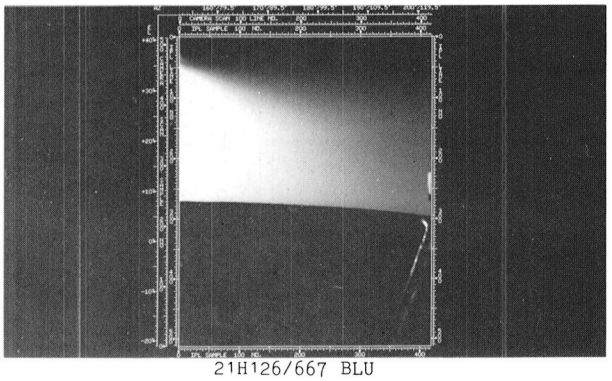
21H124/667 BLU 21H124/667 GRN 21H124/667 RED



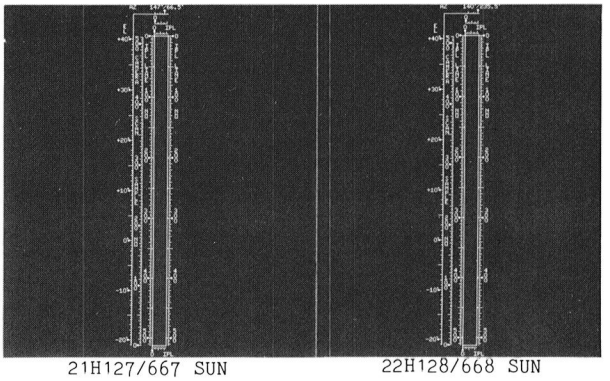
21H125/667 BB3 1/2



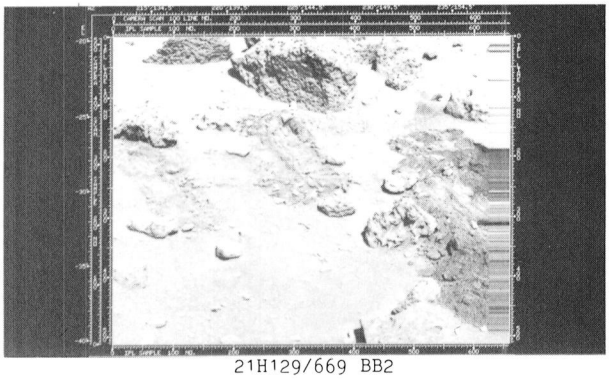
21H125/667 BB3 2/2



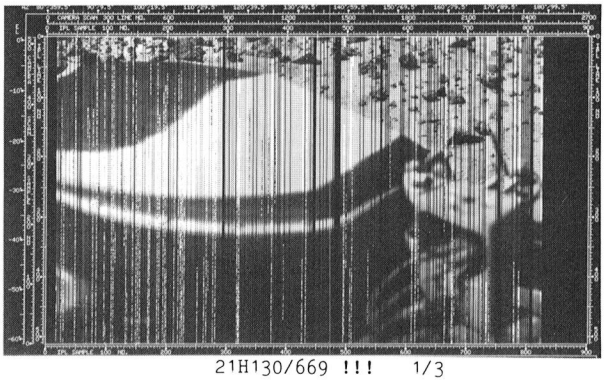
21H126/667 BLU



21H127/667 SUN 22H128/668 SUN

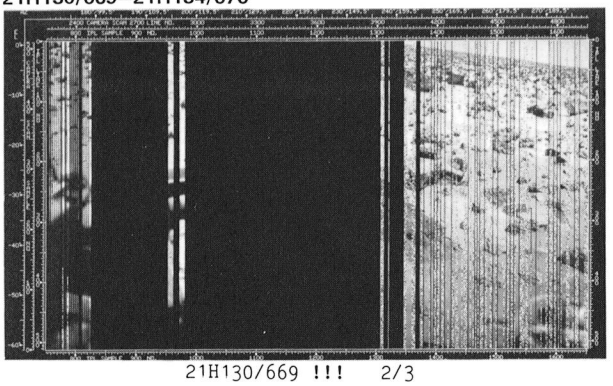


21H129/669 BB2

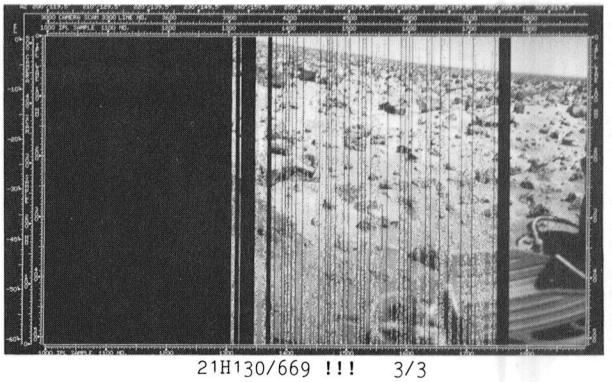


21H130/669 !!! 1/3

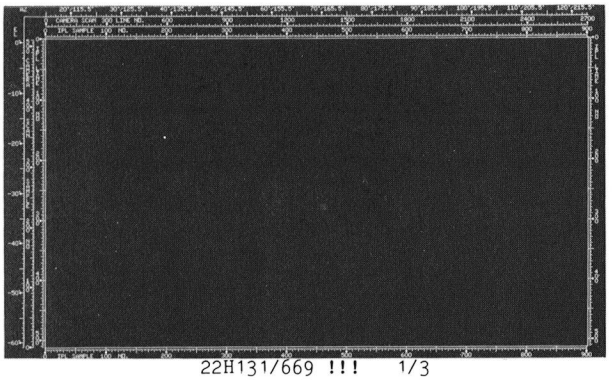
VL-2



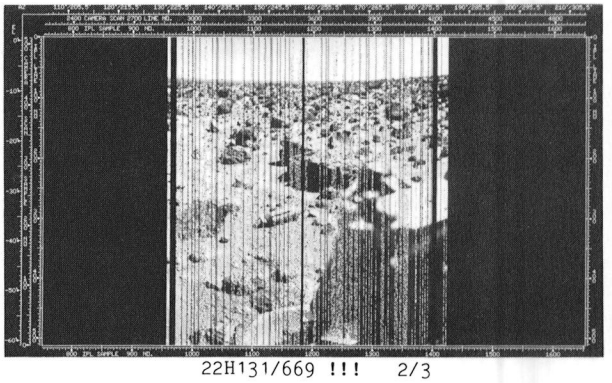
21H130/669 !!! 2/3



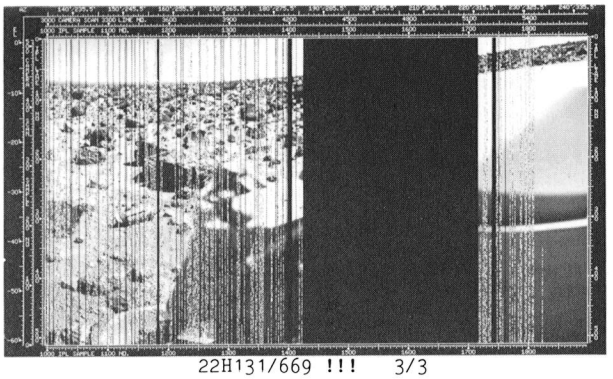
21H130/669 !!! 3/3



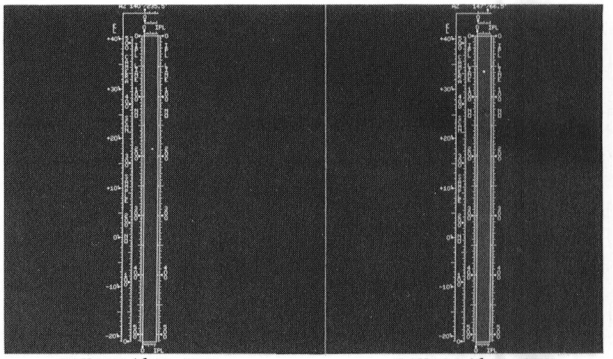
22H131/669 !!! 1/3



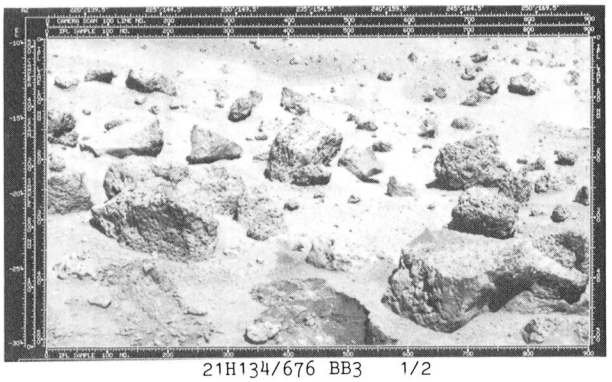
22H131/669 !!! 2/3



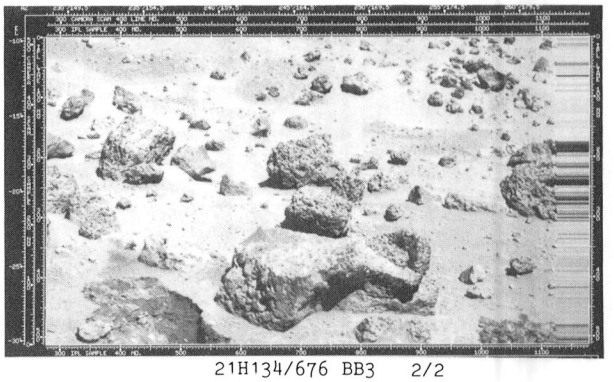
22H131/669 !!! 3/3



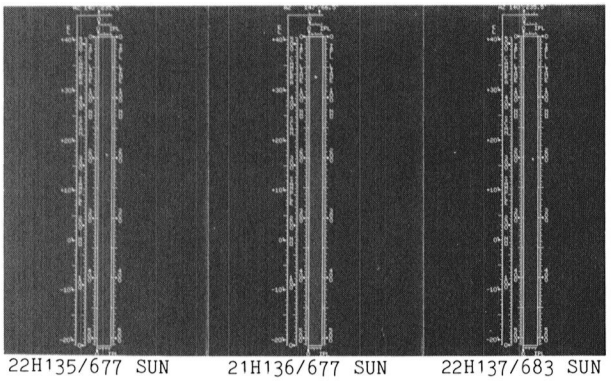
22H132/671 SUN 21H133/671 SUN



21H134/676 BB3 1/2



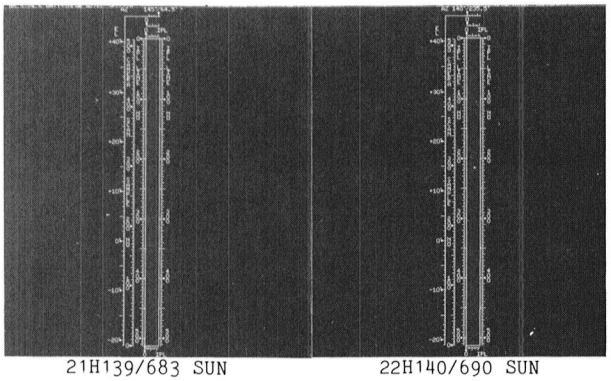
21H134/676 BB3 2/2



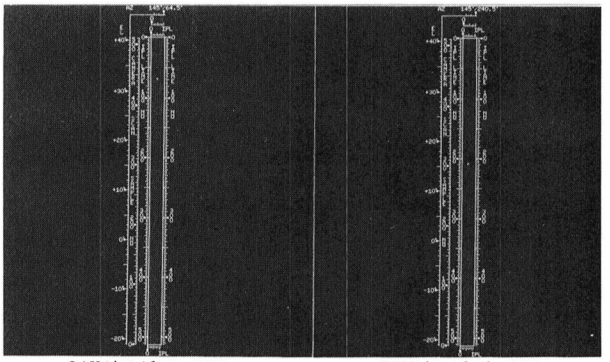
22H135/677 SUN 21H136/677 SUN 22H137/683 SUN



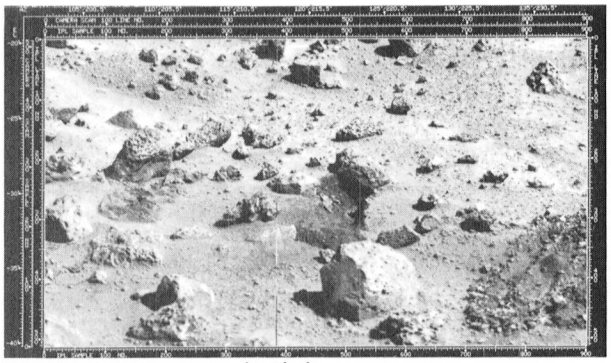
21H138/683 BB3



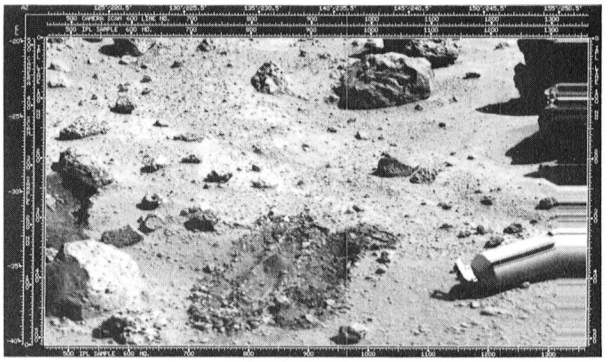
21H139/683 SUN 22H140/690 SUN



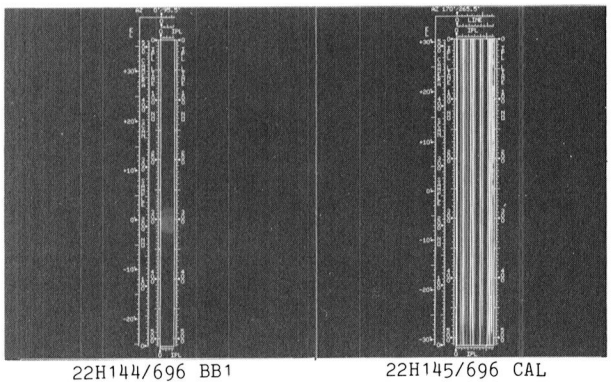
21H141/690 SUN 22H142/696 SUN



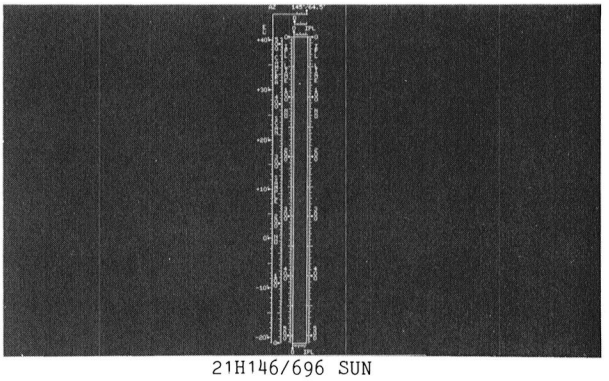
22H143/696 BB3 1/2



22H143/696 BB3 2/2

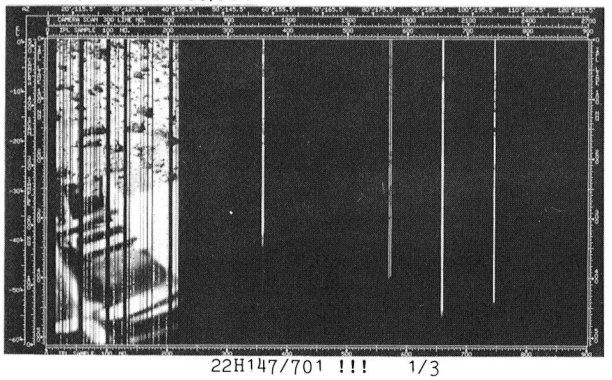


22H144/696 BB1 22H145/696 CAL

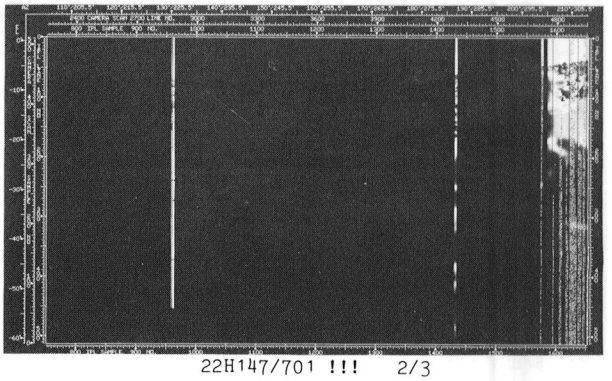


21H146/696 SUN

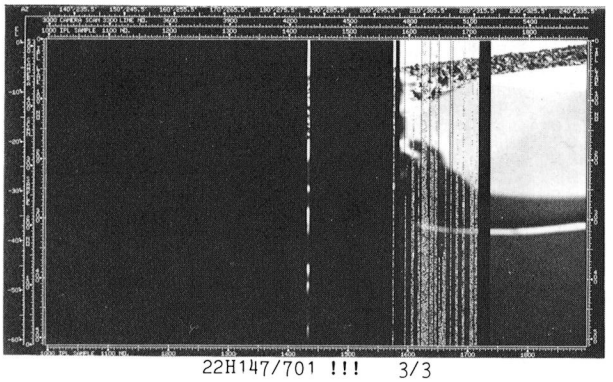
22H147/701–22H155/704



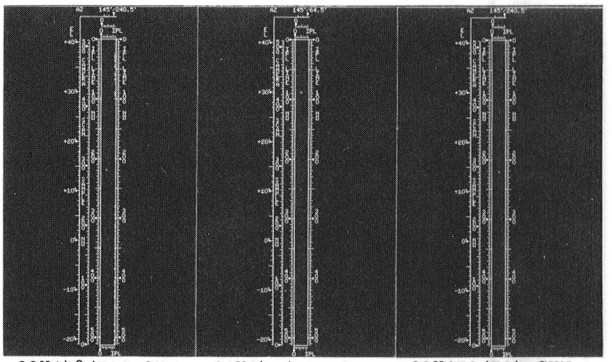
22H147/701 !!! 1/3



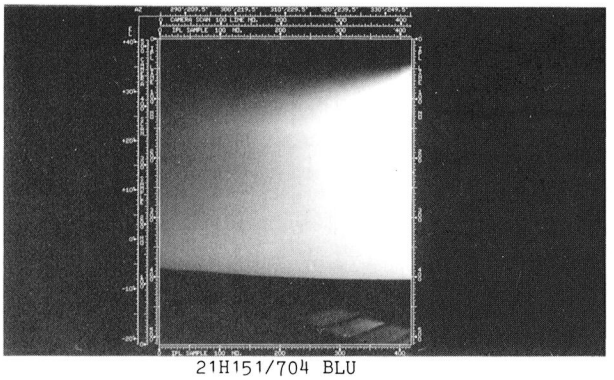
22H147/701 !!! 2/3



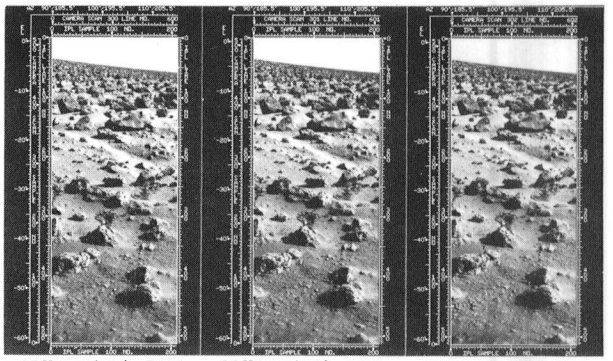
22H147/701 !!! 3/3



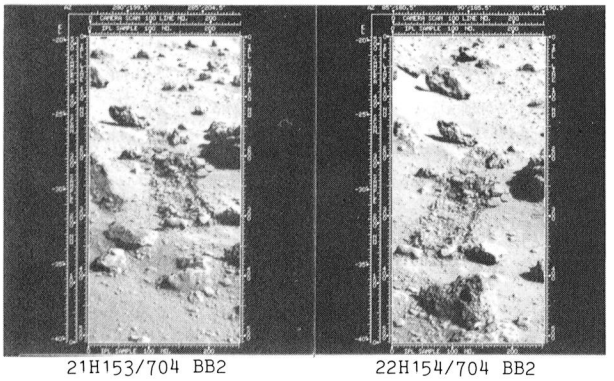
22H148/702 SUN 21H149/702 SUN 22H150/704 SUN



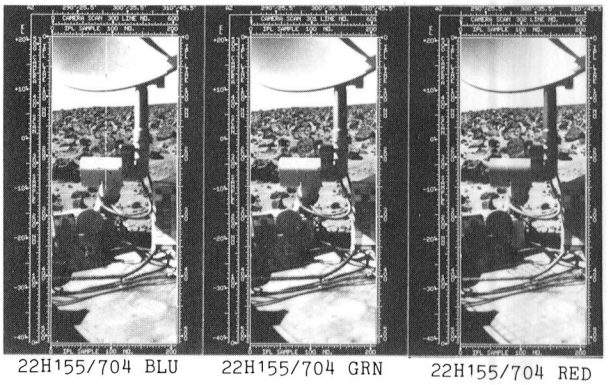
21H151/704 BLU



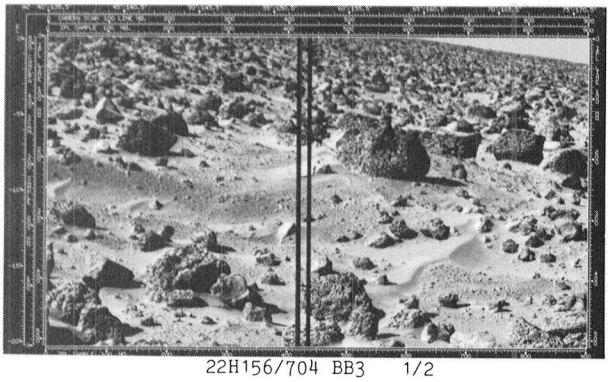
22H152/704 BLU 22H152/704 GRN 22H152/704 RED



21H153/704 BB2 22H154/704 BB2



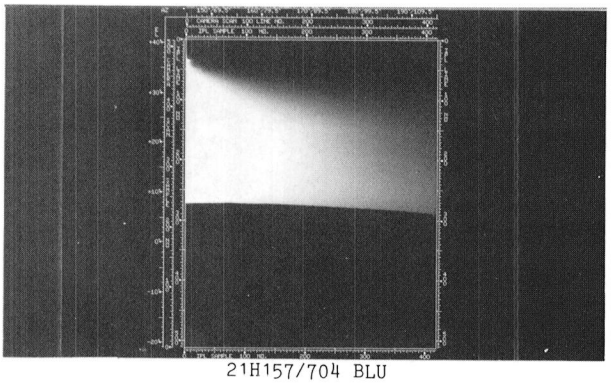
22H155/704 BLU 22H155/704 GRN 22H155/704 RED



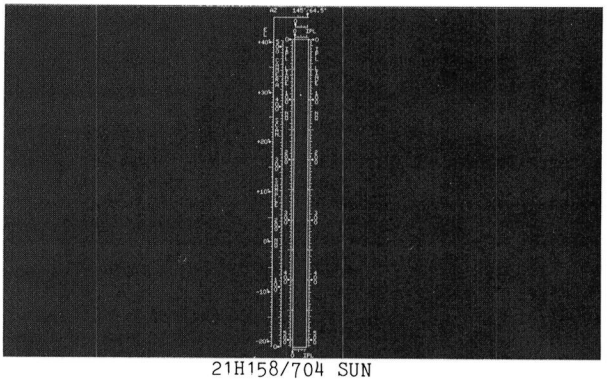
22H156/704 BB3 1/2



22H156/704 BB3 2/2



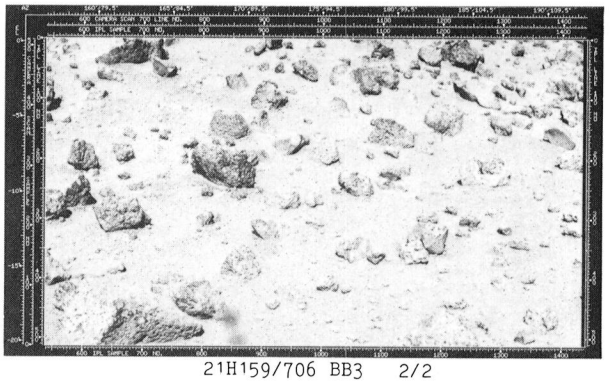
21H157/704 BLU



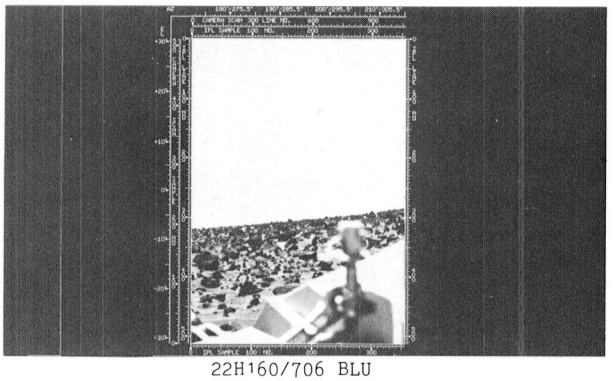
21H158/704 SUN



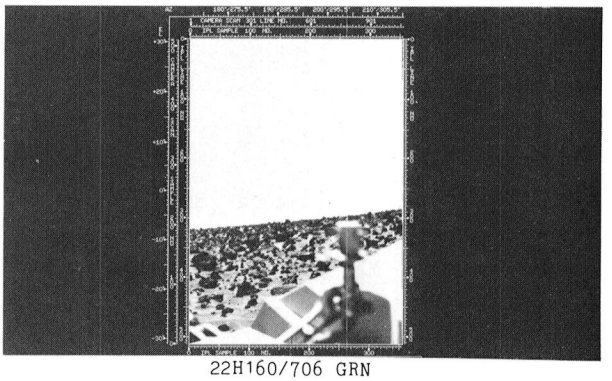
21H159/706 BB3 1/2



21H159/706 BB3 2/2

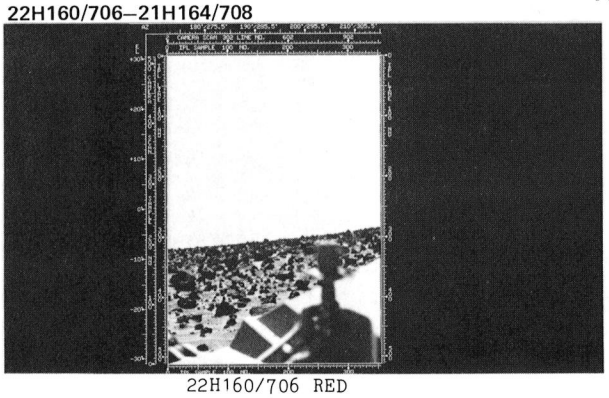


22H160/706 BLU

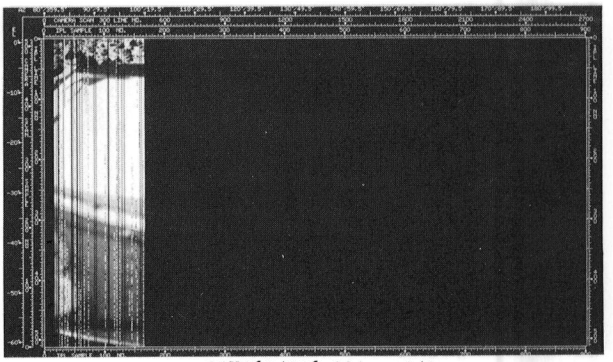


22H160/706 GRN

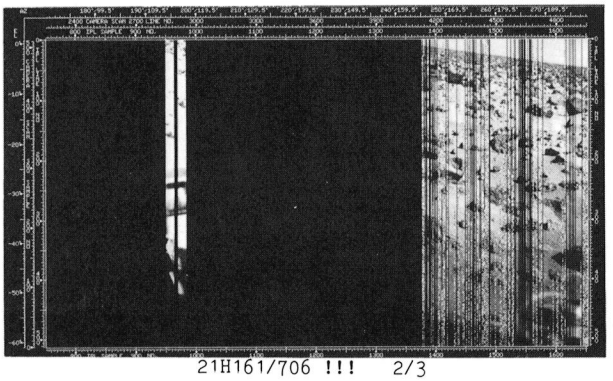
22H160/706–21H164/708



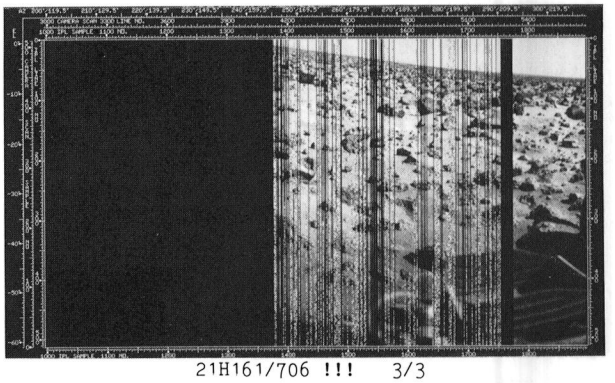
22H160/706 RED



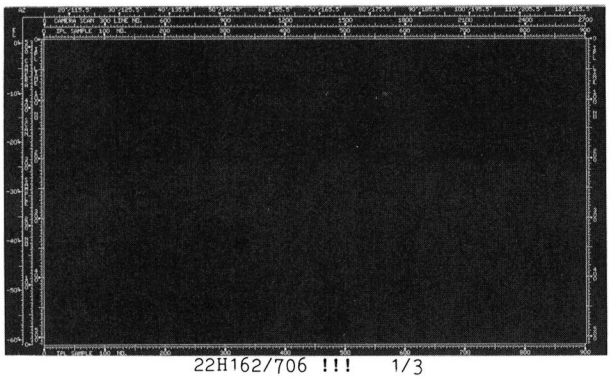
21H161/706 !!! 1/3



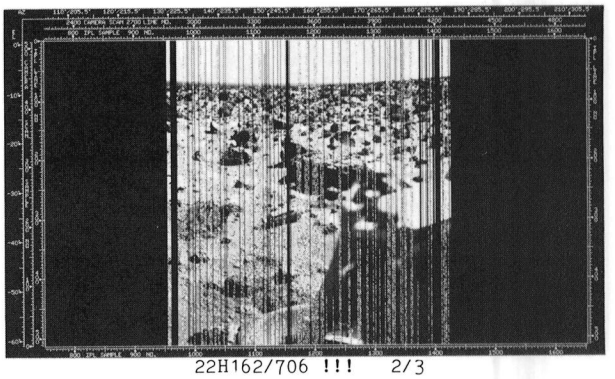
21H161/706 !!! 2/3



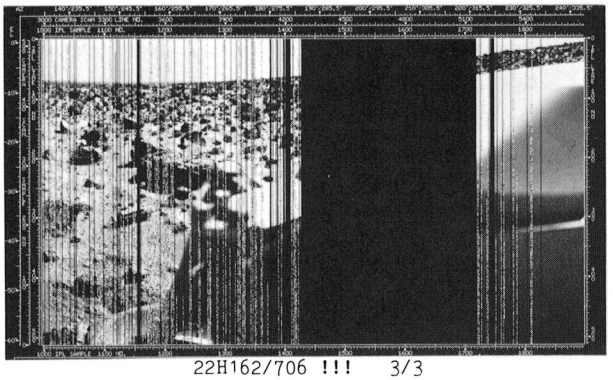
21H161/706 !!! 3/3



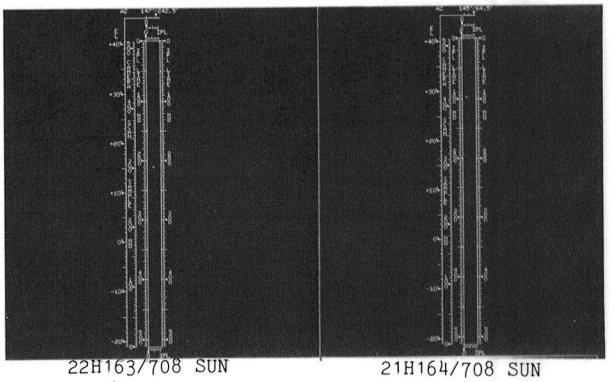
22H162/706 !!! 1/3



22H162/706 !!! 2/3

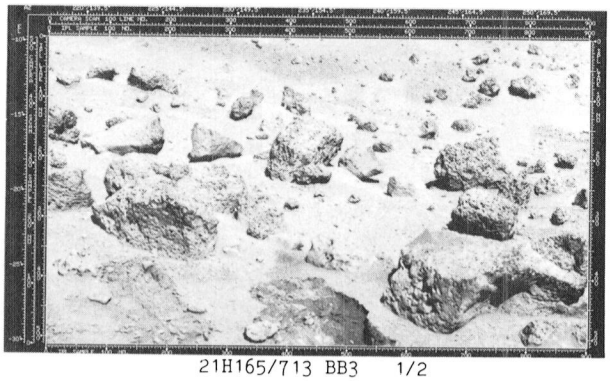


22H162/706 !!! 3/3

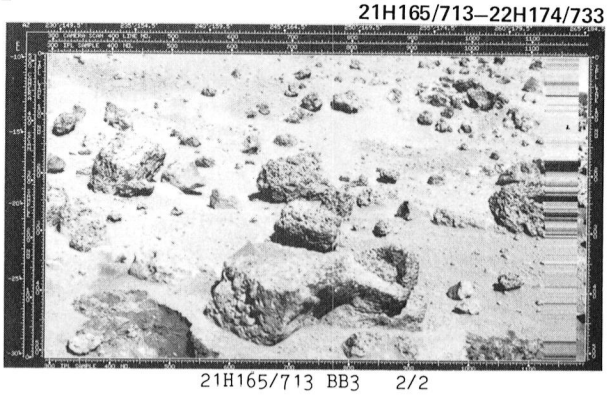


22H163/708 SUN

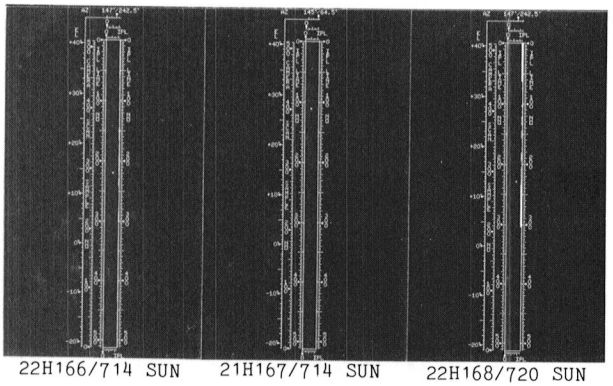
21H164/708 SUN



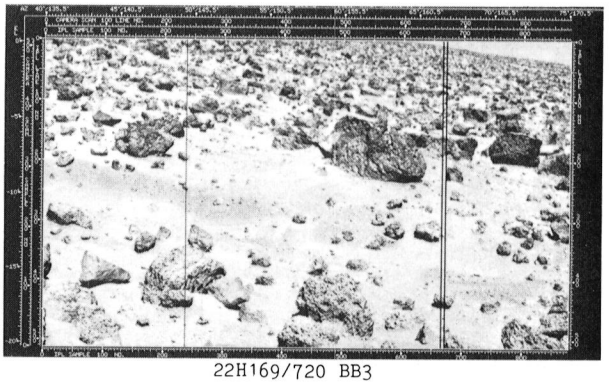
21H165/713 BB3 1/2



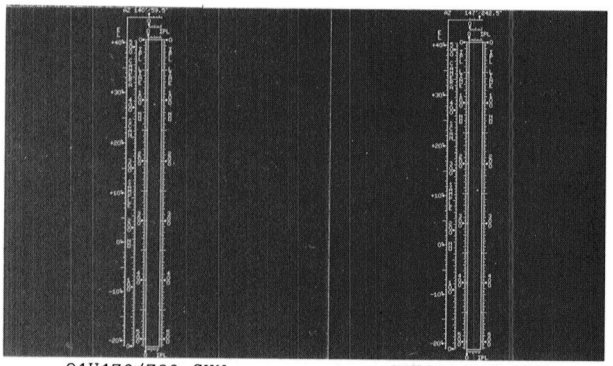
21H165/713 BB3 2/2



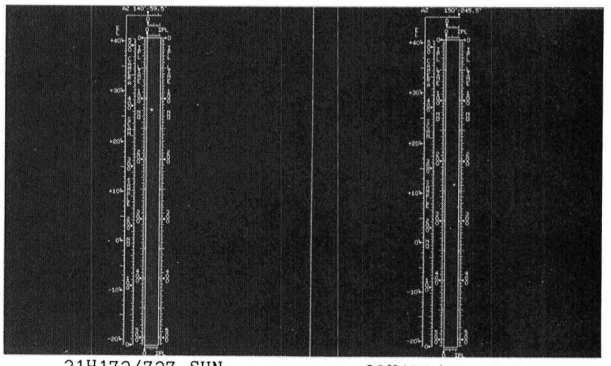
22H166/714 SUN 21H167/714 SUN 22H168/720 SUN



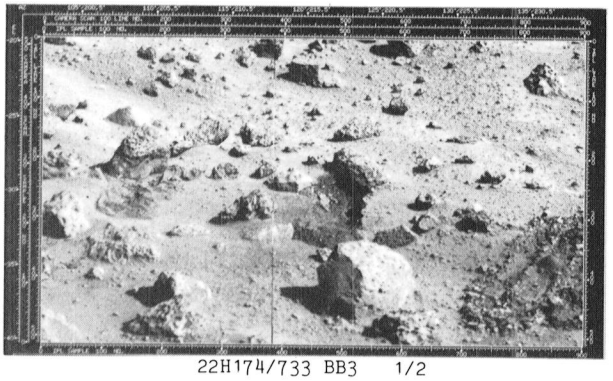
22H169/720 BB3



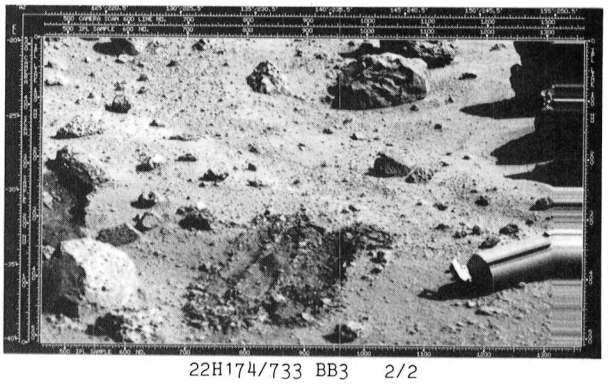
21H170/720 SUN 22H171/727 SUN



21H172/727 SUN 22H173/733 SUN

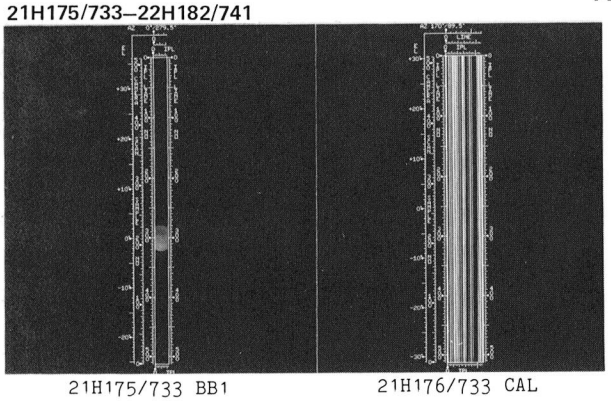


22H174/733 BB3 1/2

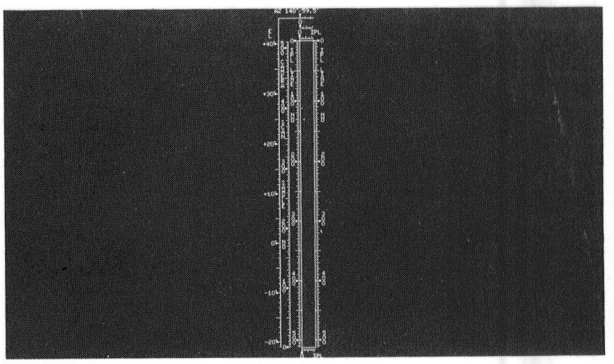


22H174/733 BB3 2/2

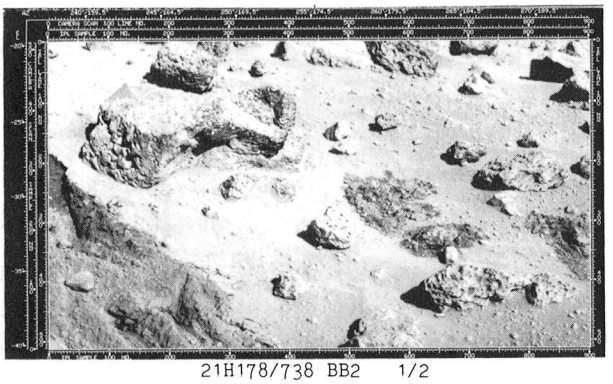
21H175/733–22H182/741



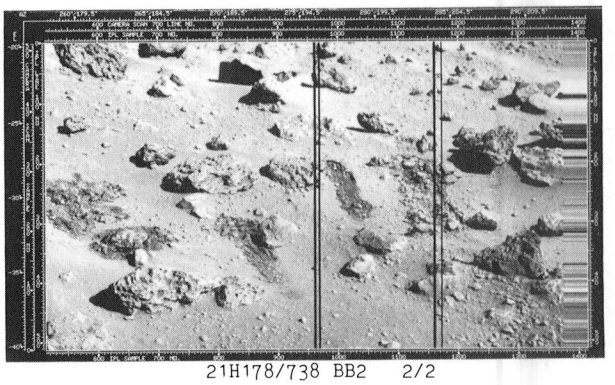
21H175/733 BB1 21H176/733 CAL



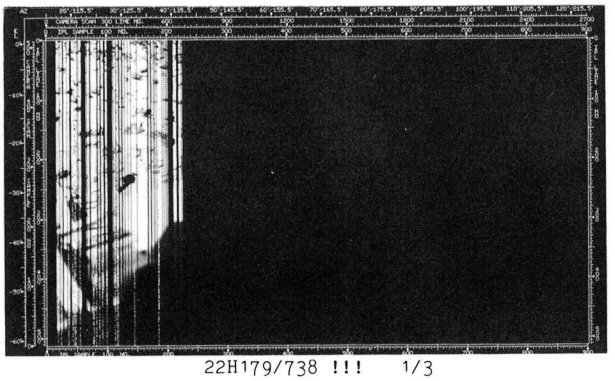
21H177/733 SUN



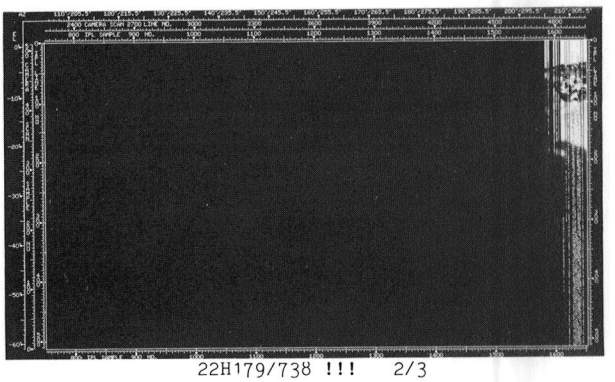
21H178/738 BB2 1/2



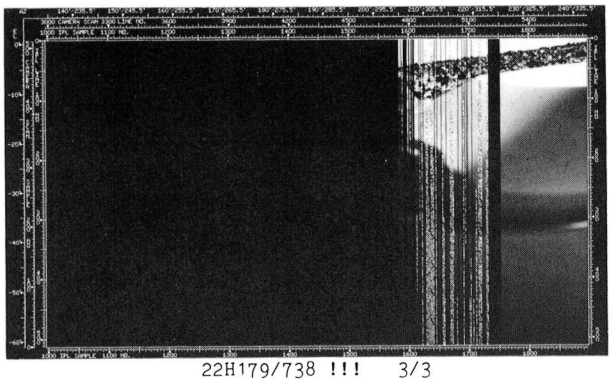
21H178/738 BB2 2/2



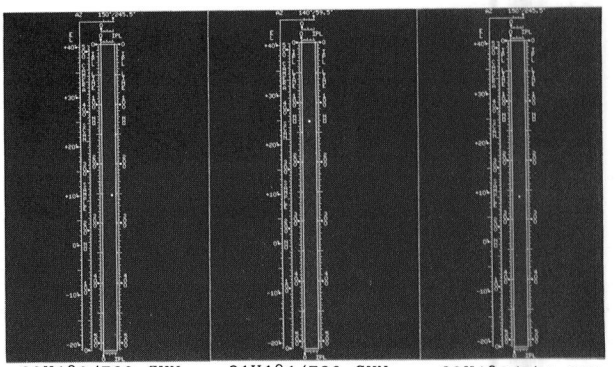
22H179/738 !!! 1/3



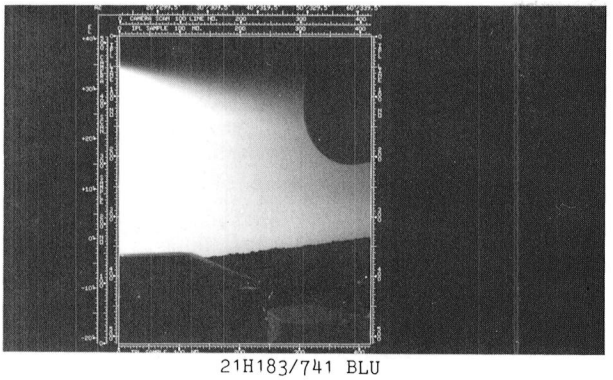
22H179/738 !!! 2/3



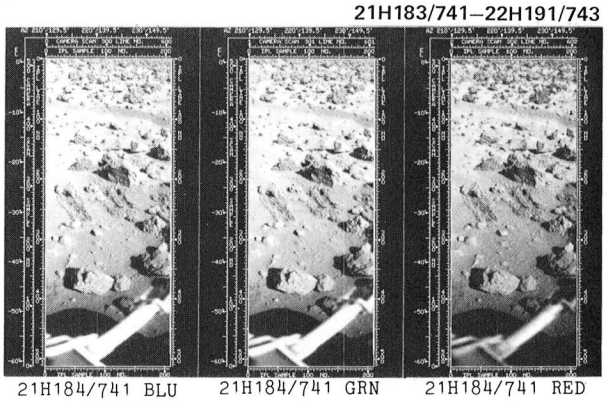
22H179/738 !!! 3/3



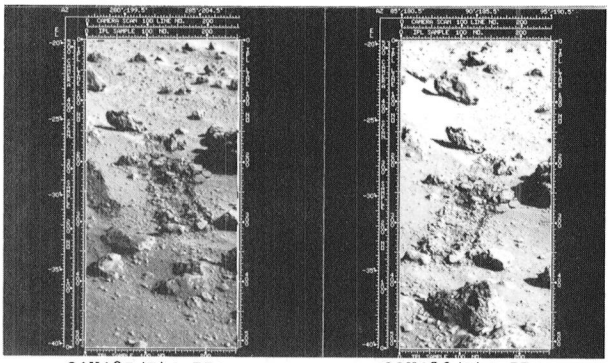
22H180/739 SUN 21H181/739 SUN 22H182/741 SUN



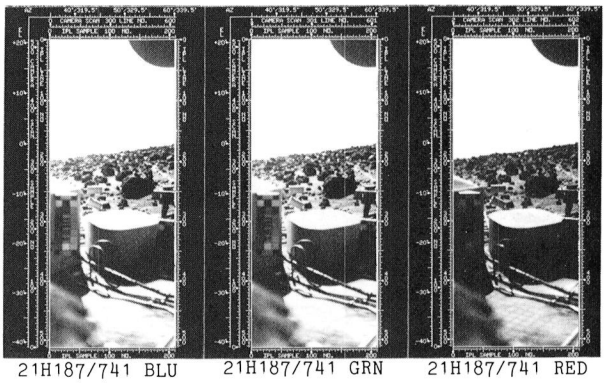
21H183/741 BLU



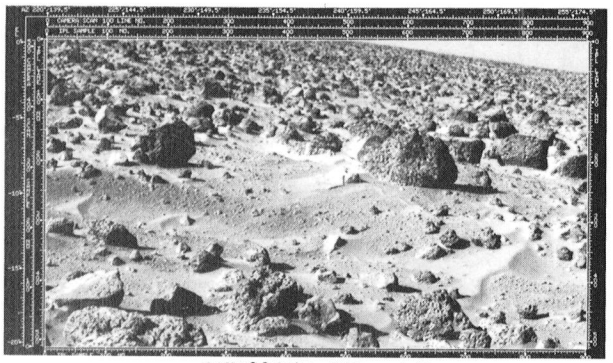
21H184/741 BLU 21H184/741 GRN 21H184/741 RED



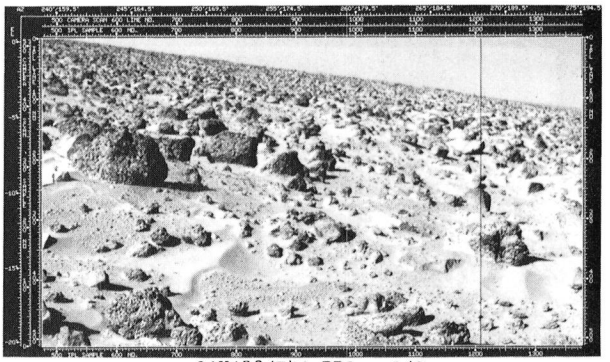
21H185/741 BB2 22H186/741 BB2



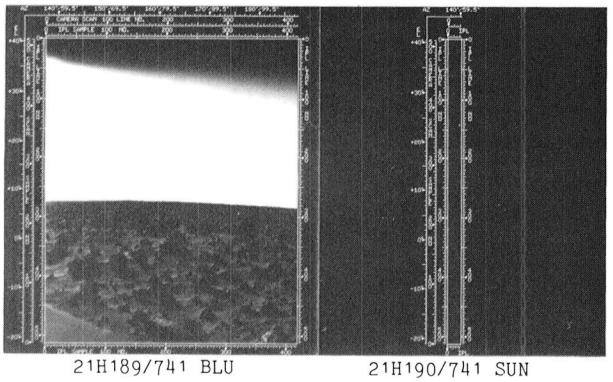
21H187/741 BLU 21H187/741 GRN 21H187/741 RED



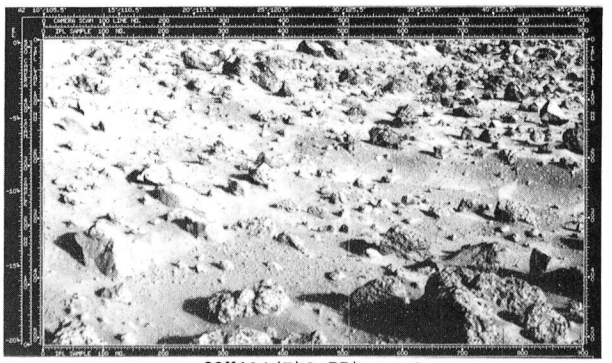
21H188/741 BB3 1/2



21H188/741 BB3 2/2



21H189/741 BLU 21H190/741 SUN

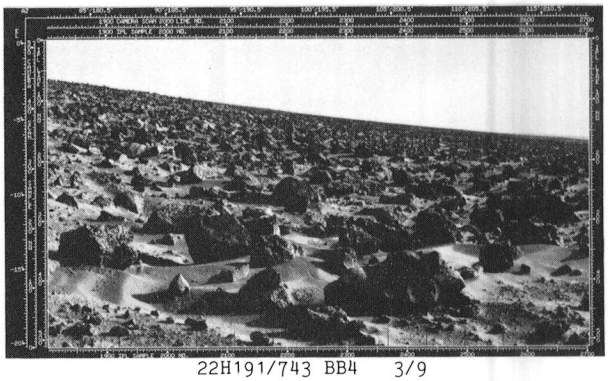


22H191/743 BB4 1/9

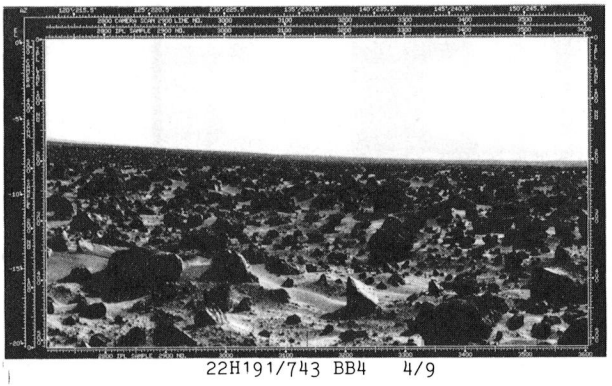
22H191/743–22H191/743



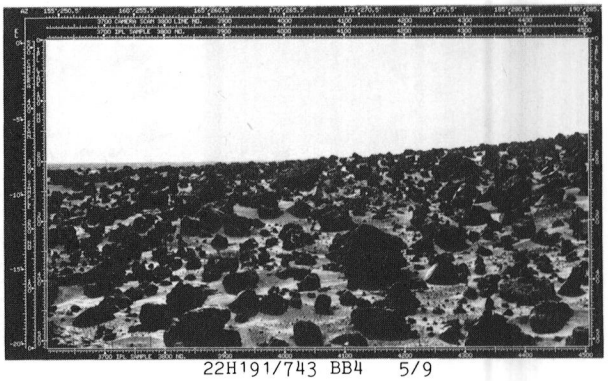
22H191/743 BB4 2/9



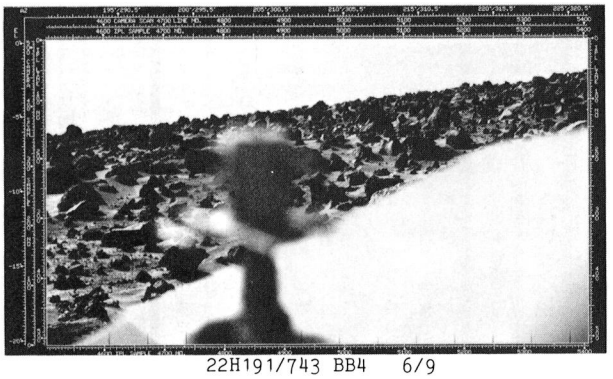
22H191/743 BB4 3/9



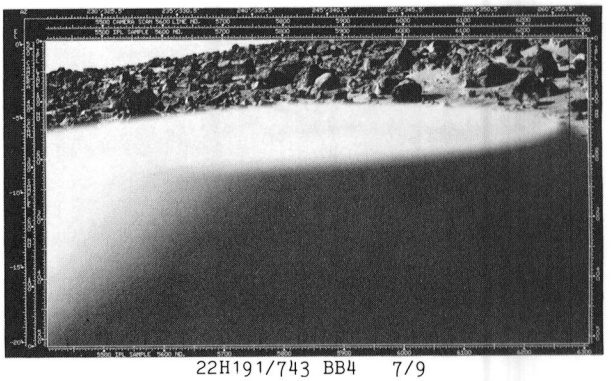
22H191/743 BB4 4/9



22H191/743 BB4 5/9



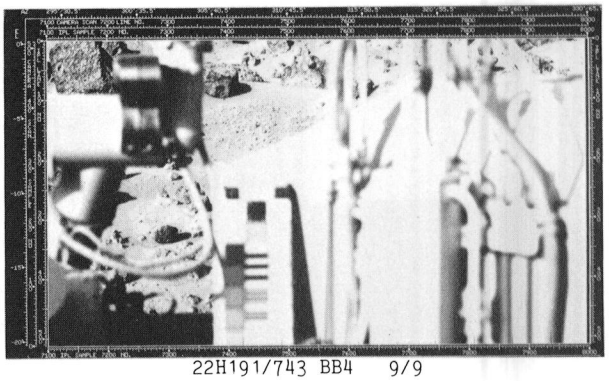
22H191/743 BB4 6/9



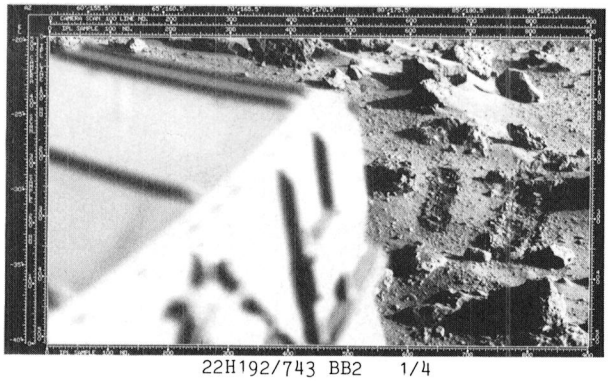
22H191/743 BB4 7/9



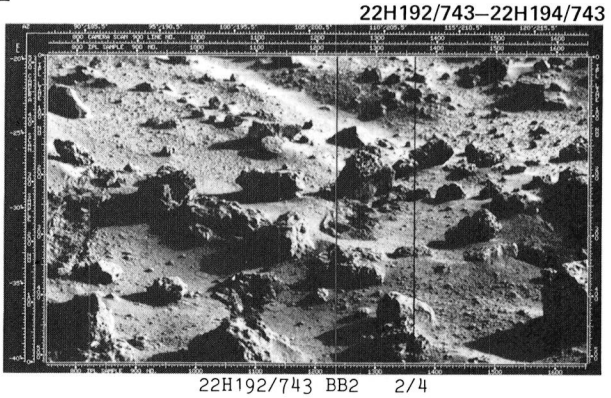
22H191/743 BB4 8/9



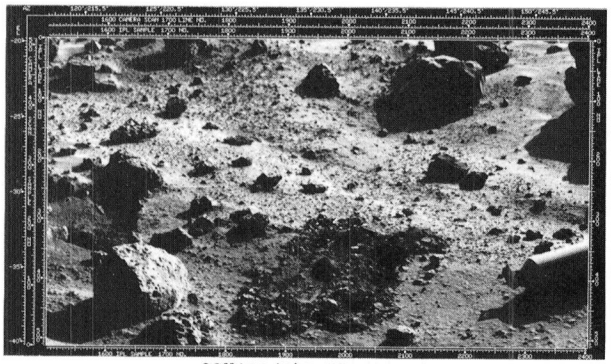
22H191/743 BB4 9/9



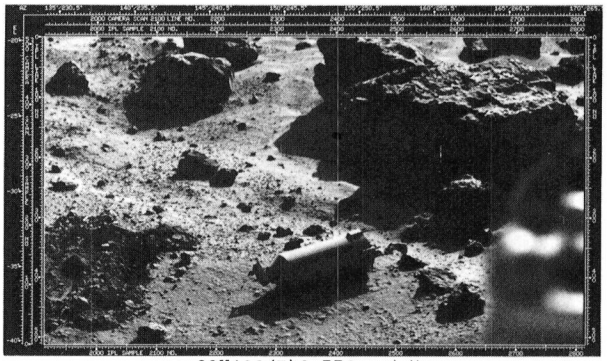
22H192/743 BB2 1/4



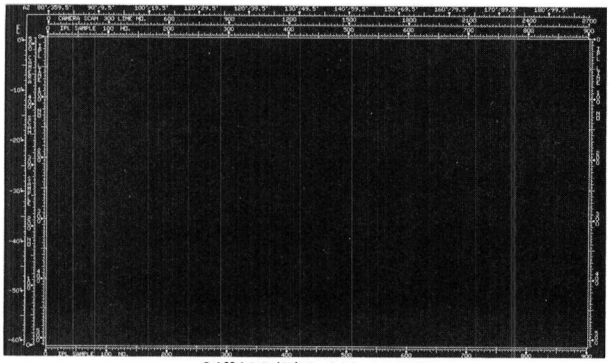
22H192/743 BB2 2/4



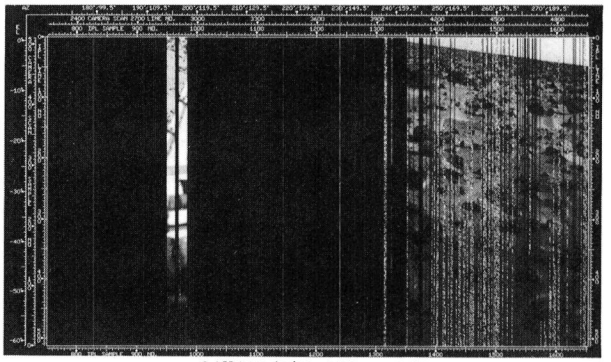
22H192/743 BB2 3/4



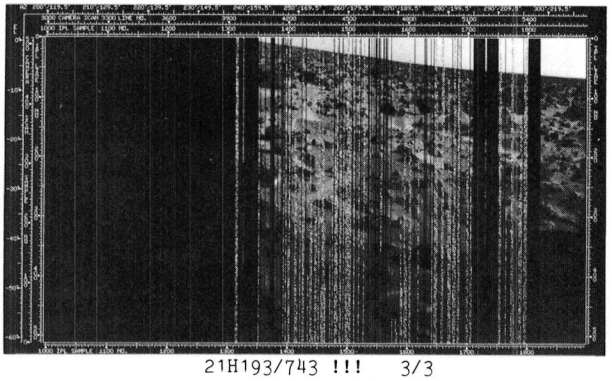
22H192/743 BB2 4/4



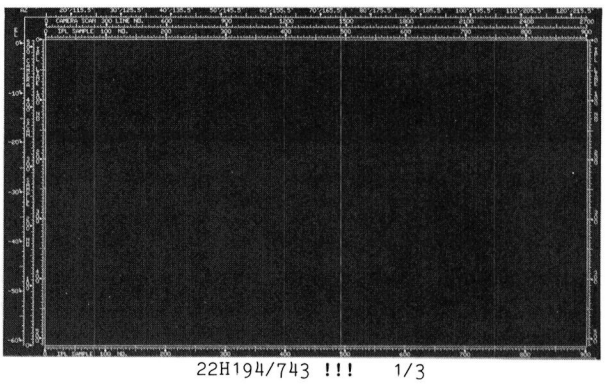
21H193/743 !!! 1/3



21H193/743 !!! 2/3

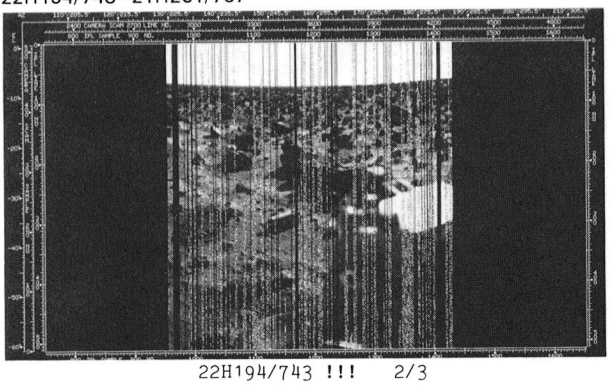


21H193/743 !!! 3/3

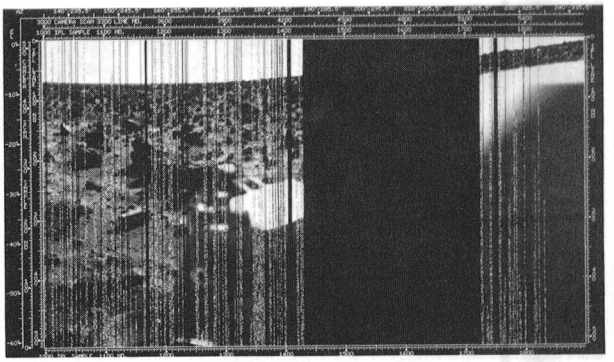


22H194/743 !!! 1/3

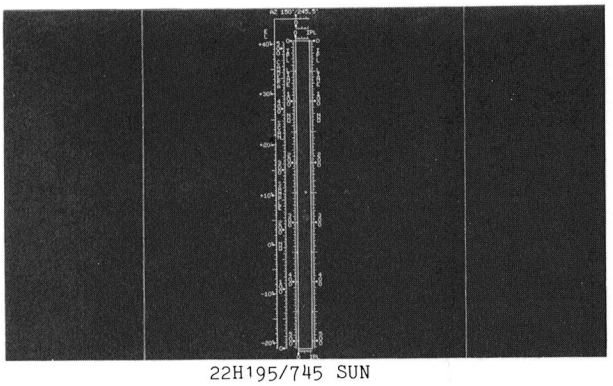
VL-2



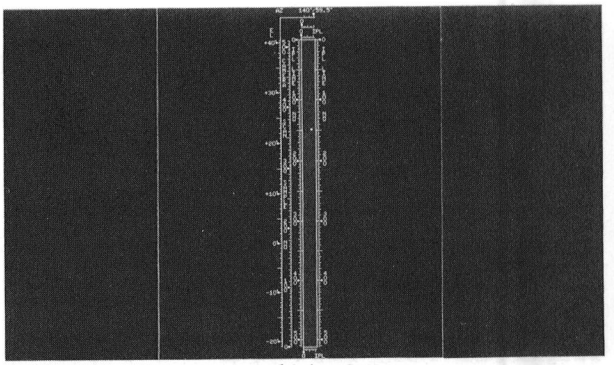
22H194/743 !!! 2/3



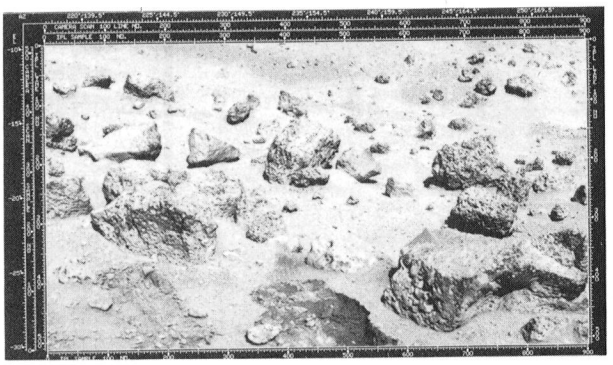
22H194/743 !!! 3/3



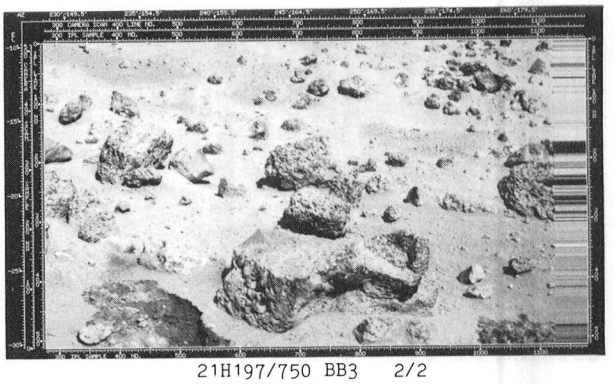
22H195/745 SUN



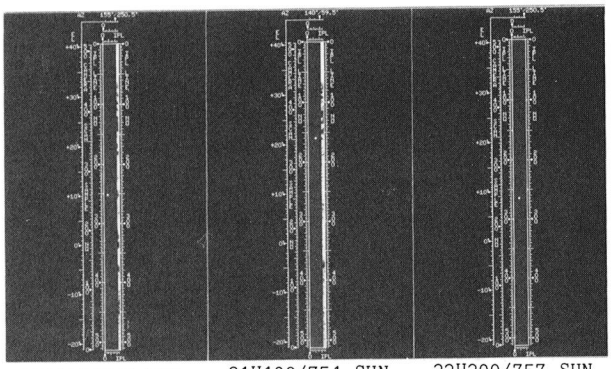
21H196/745 SUN



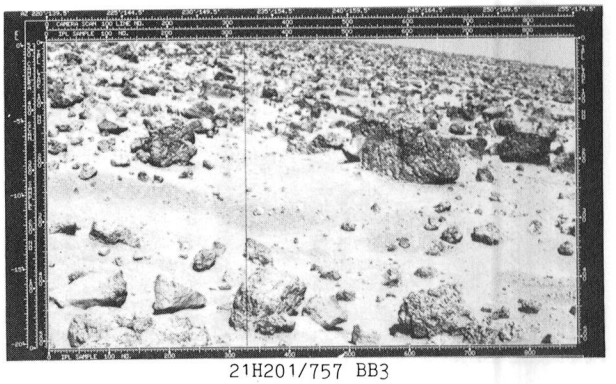
21H197/750 BB3 1/2



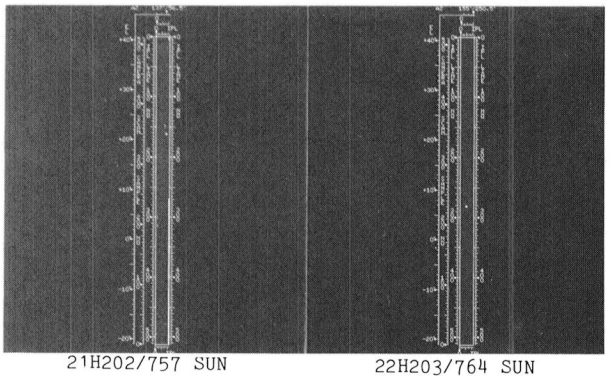
21H197/750 BB3 2/2



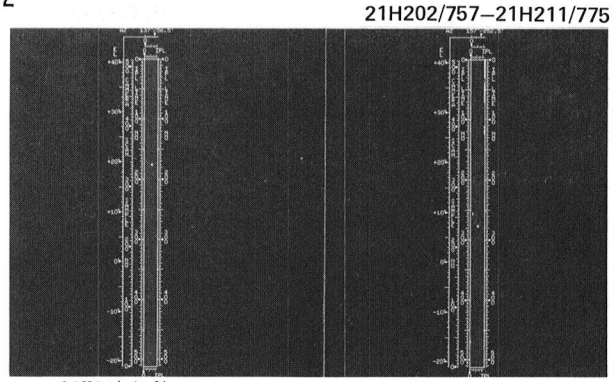
22H198/751 SUN 21H199/751 SUN 22H200/757 SUN



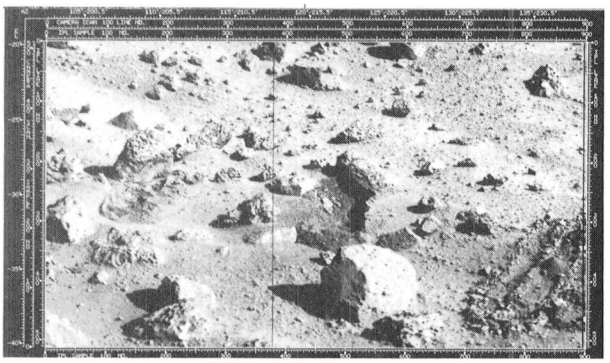
21H201/757 BB3



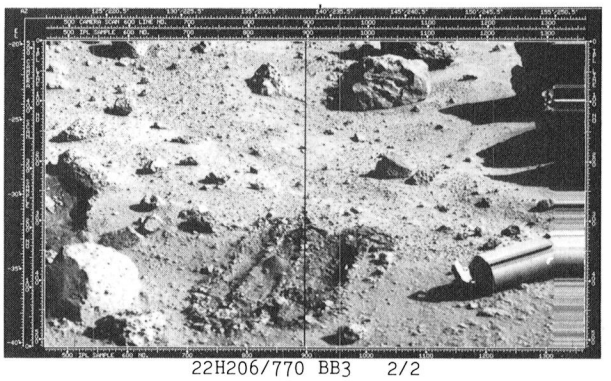
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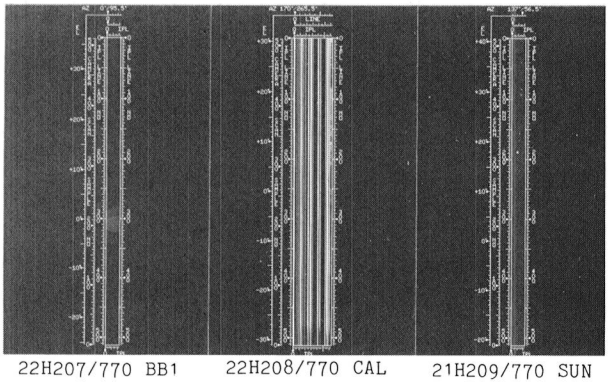
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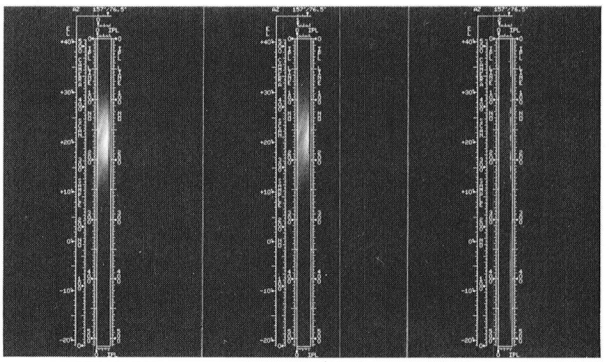
22H206/770 BB3 1/2



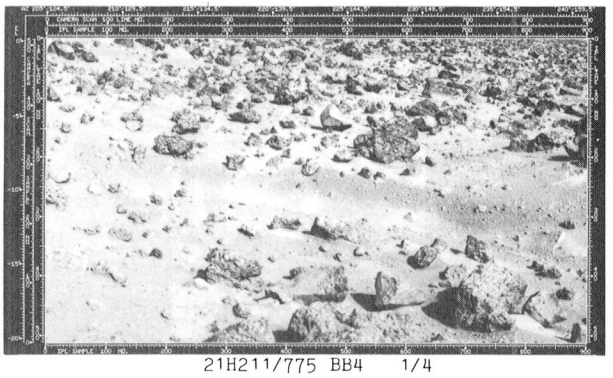
22H206/770 BB3 2/2



22H207/770 BB1 22H208/770 CAL 21H209/770 SUN



21H210/774 BLU 21H210/774 GRN 21H210/774 RED



21H211/775 BB4 1/4

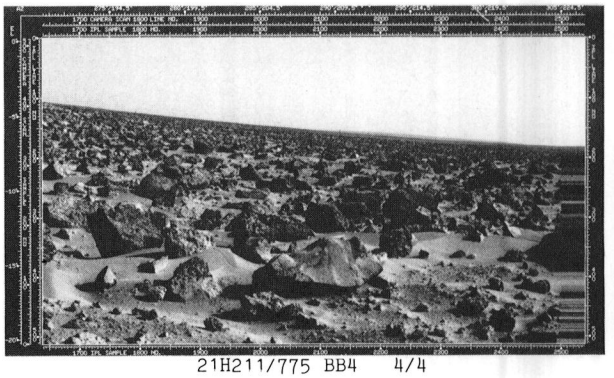


21H211/775 BB4 2/4

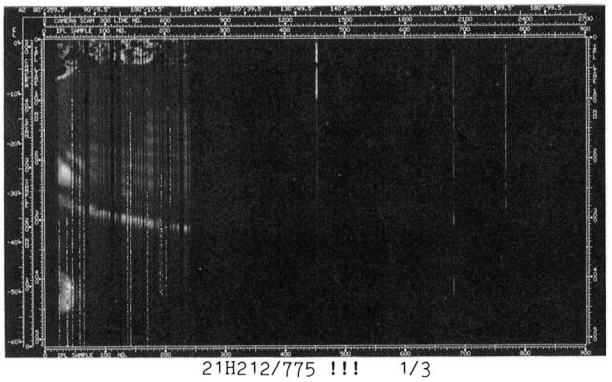
21H211/775—21H217/778



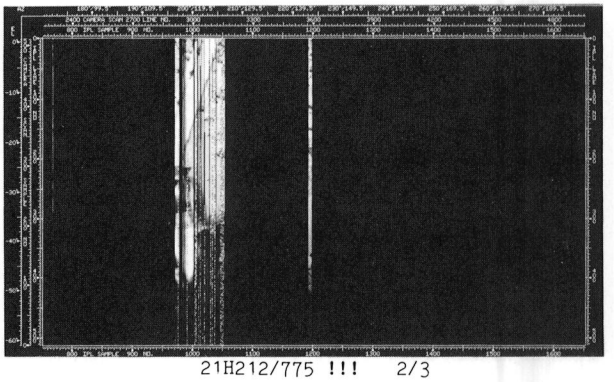
21H211/775 BB4 3/4



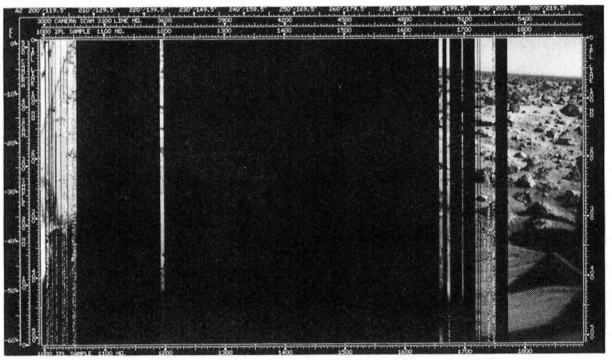
21H211/775 BB4 4/4



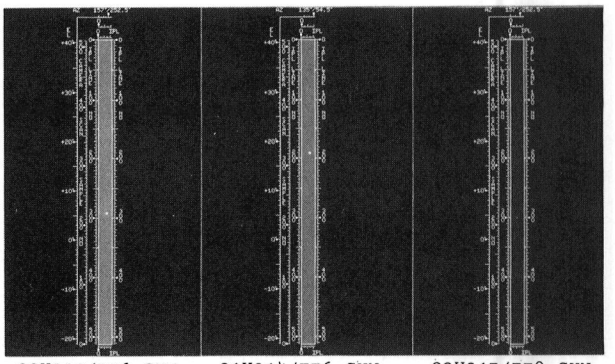
21H212/775 !!! 1/3



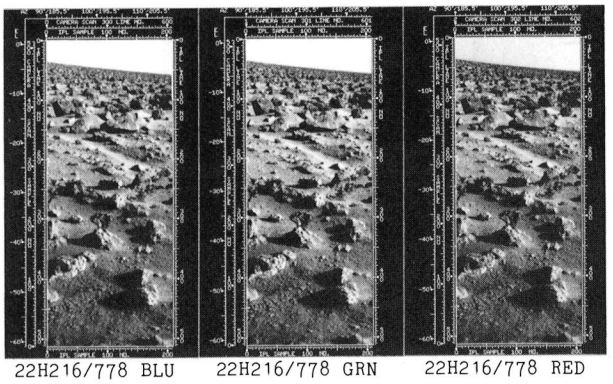
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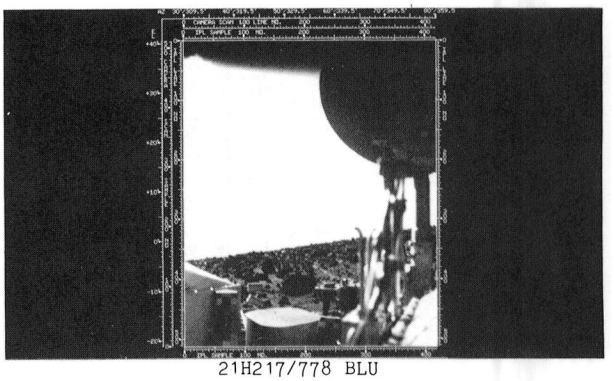
21H212/775 !!! 3/3



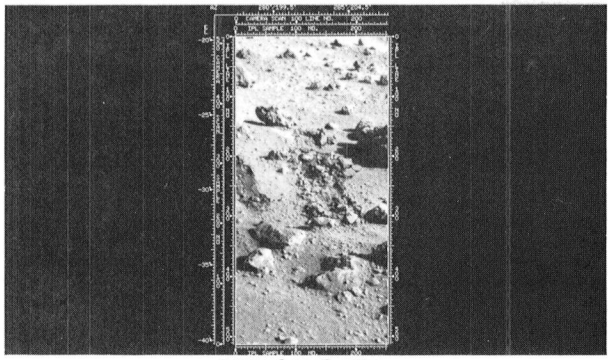
22H213/776 SUN 21H214/776 SUN 22H215/778 SUN



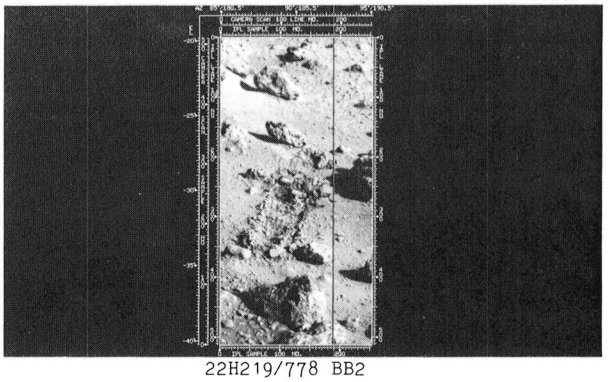
22H216/778 BLU 22H216/778 GRN 22H216/778 RED



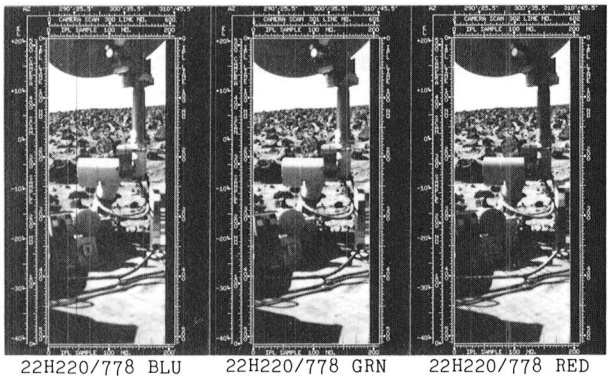
21H217/778 BLU



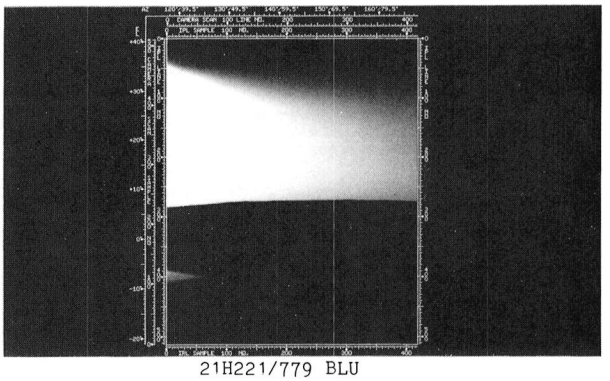
21H218/778 BB2



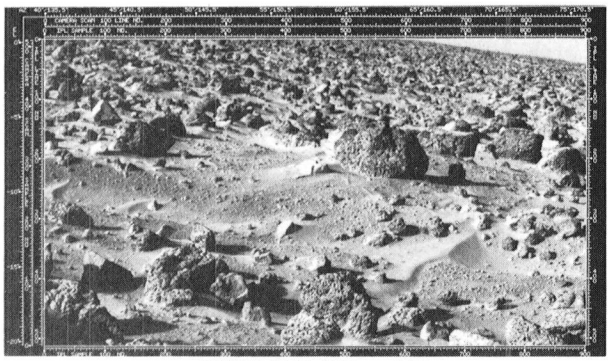
22H219/778 BB2



22H220/778 BLU 22H220/778 GRN 22H220/778 RED



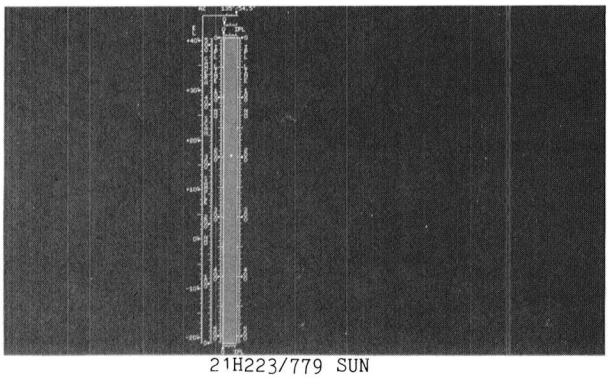
21H221/779 BLU



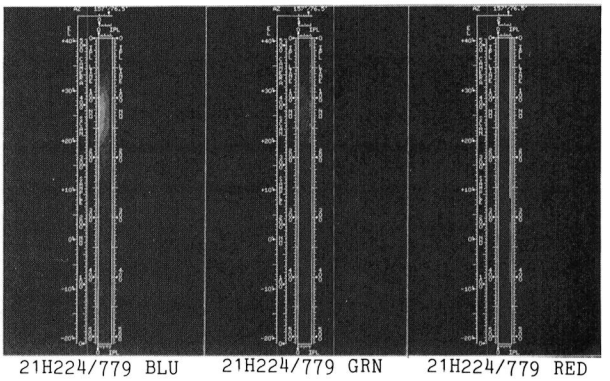
22H222/779 BB3 1/2



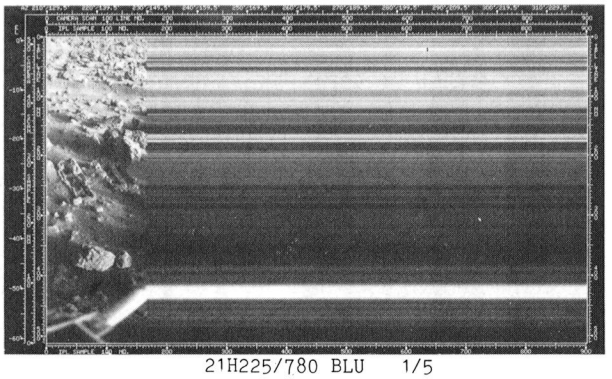
22H222/779 BB3 2/2



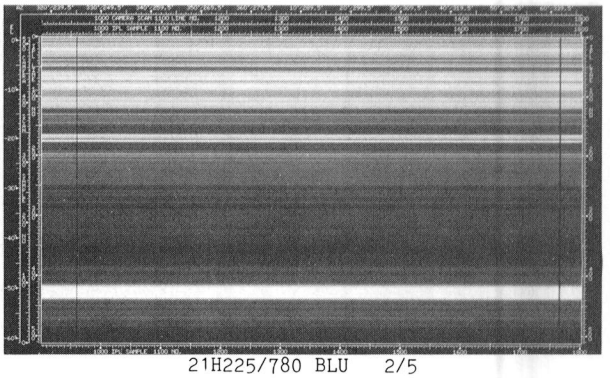
21H223/779 SUN



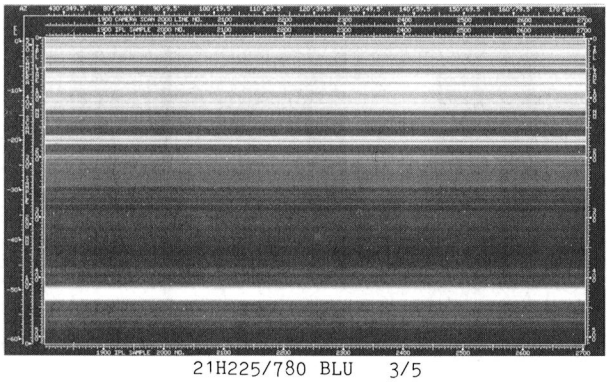
21H224/779 BLU 21H224/779 GRN 21H224/779 RED



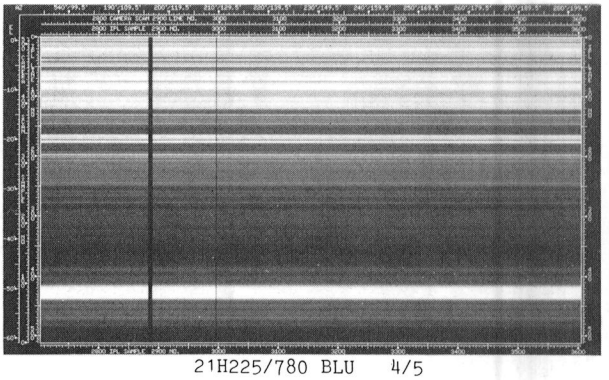
21H225/780 BLU 1/5



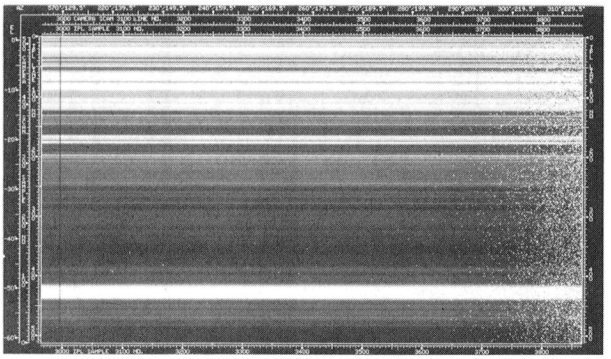
21H225/780 BLU 2/5



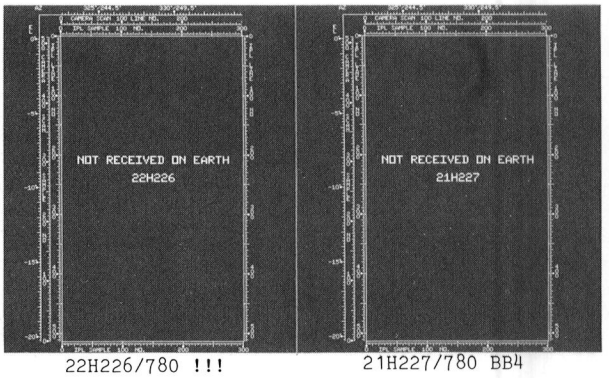
21H225/780 BLU 3/5



21H225/780 BLU 4/5

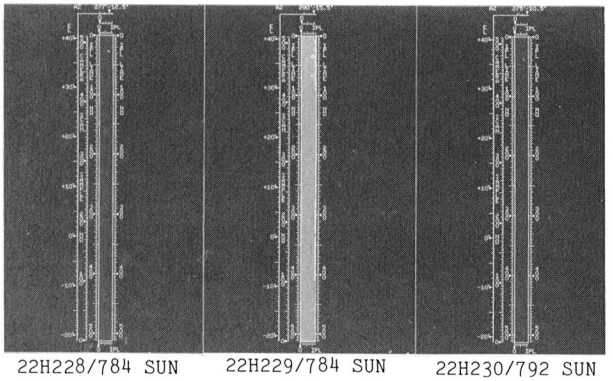


21H225/780 BLU 5/5



22H226/780 !!!

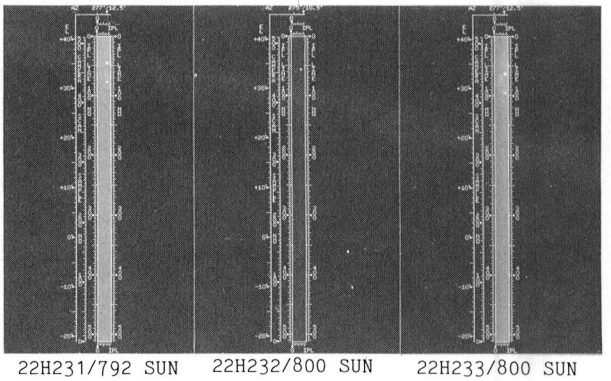
21H227/780 BB4



22H228/784 SUN

22H229/784 SUN

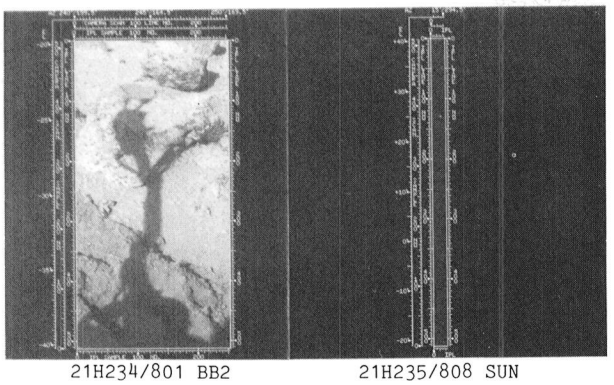
22H230/792 SUN



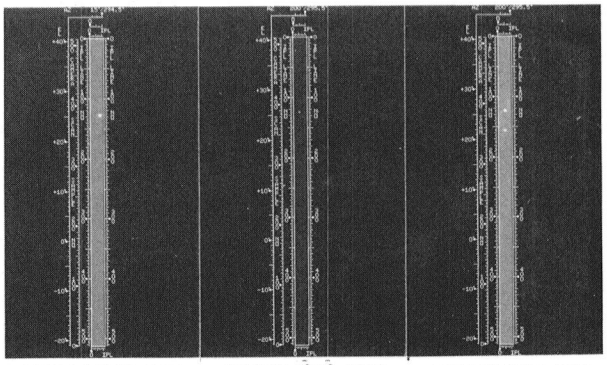
22H231/792 SUN

22H232/800 SUN

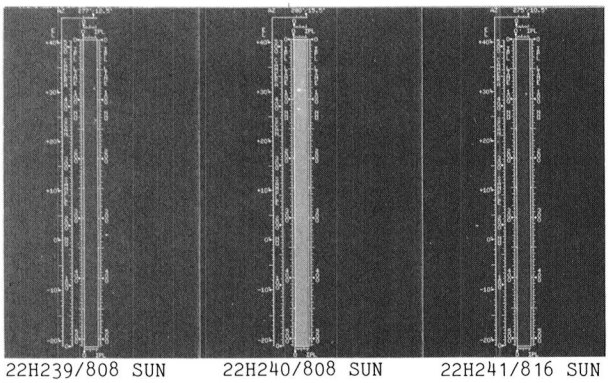
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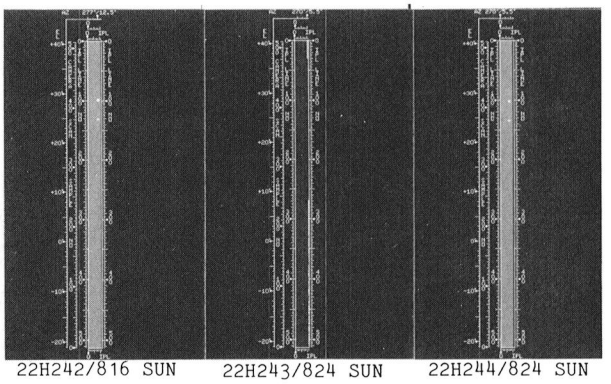
21H234/801 BB2 21H235/808 SUN



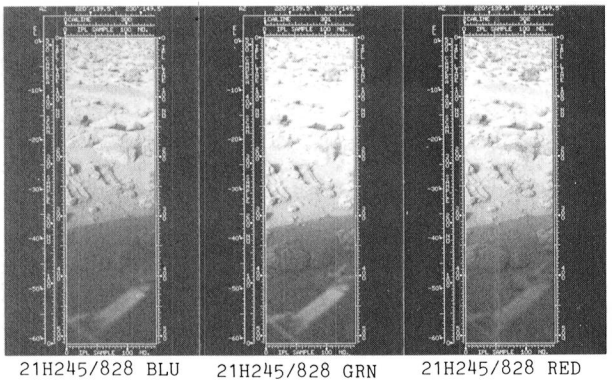
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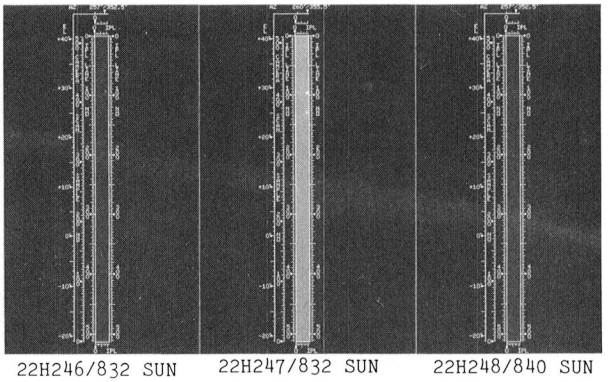
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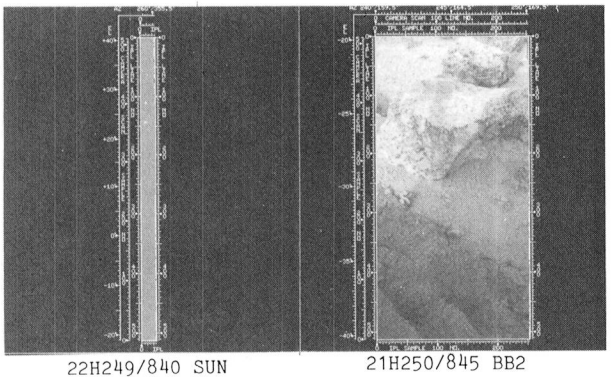
22H242/816 SUN 22H243/824 SUN 22H244/824 SUN



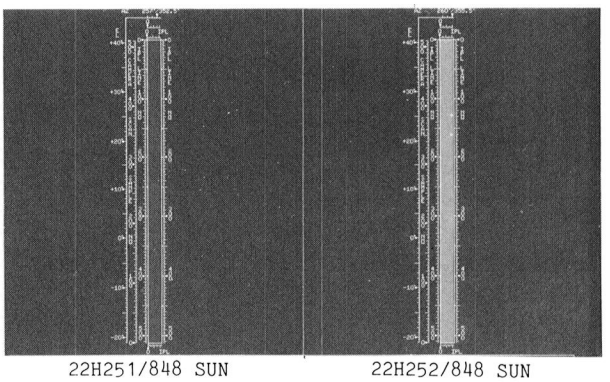
21H245/828 BLU 21H245/828 GRN 21H245/828 RED



22H246/832 SUN 22H247/832 SUN 22H248/840 SUN

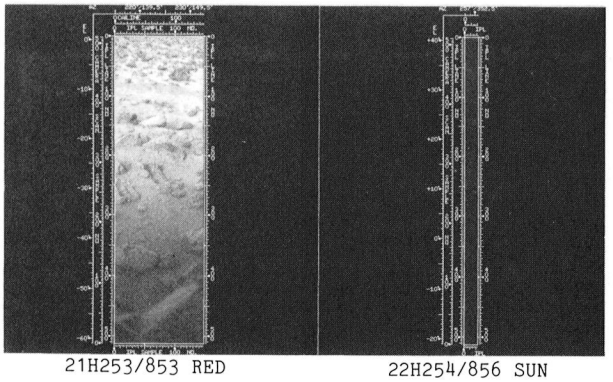


22H249/840 SUN 21H250/845 BB2



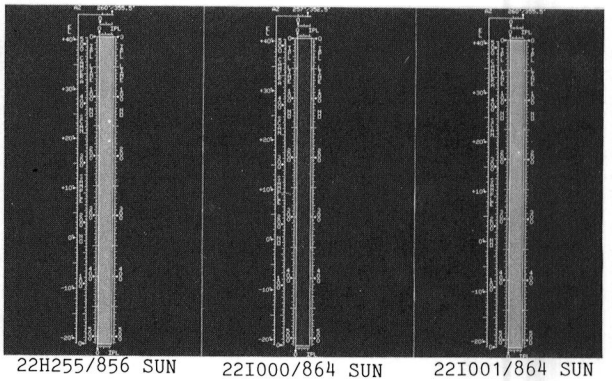
22H251/848 SUN 22H252/848 SUN

VL-2



21H253/853 RED

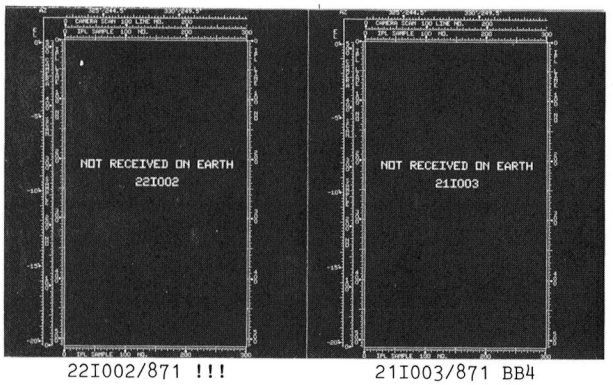
22H254/856 SUN



22H255/856 SUN

22I000/864 SUN

22I001/864 SUN



22I002/871 !!!

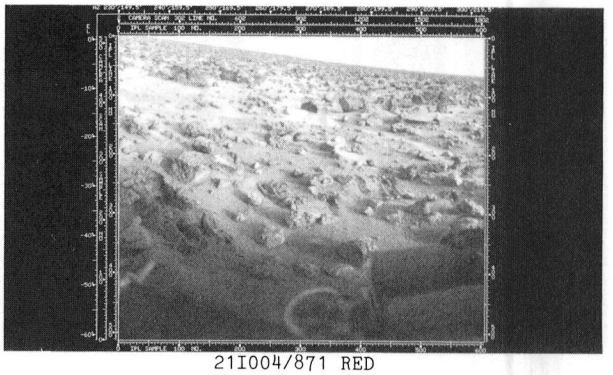
21I003/871 BB4



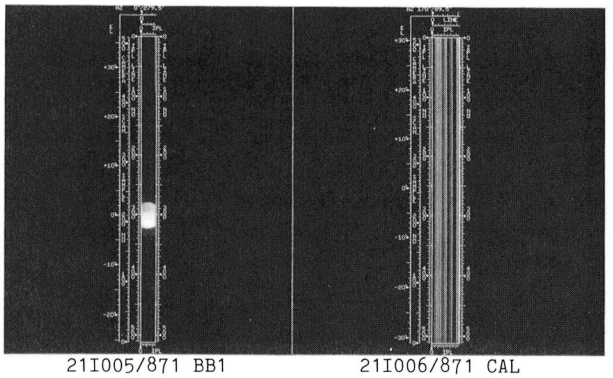
21I004/871 BLU



21I004/871 GRN

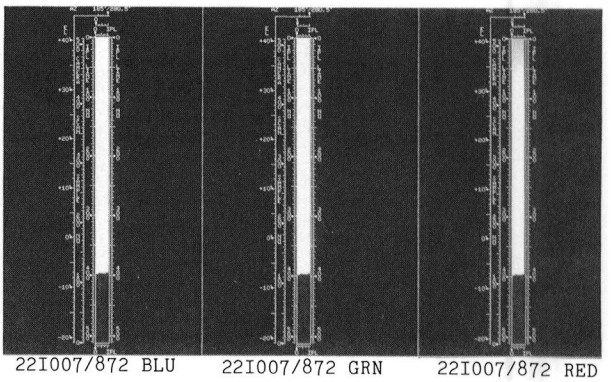


21I004/871 RED



21I005/871 BB1

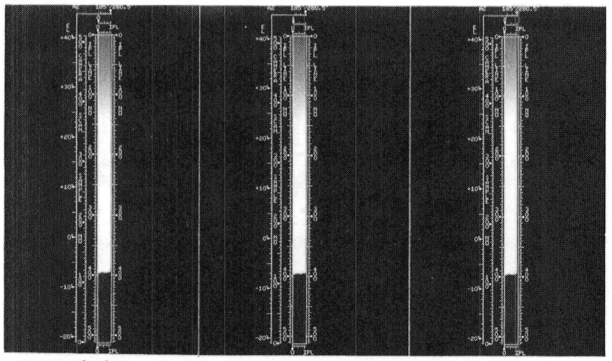
21I006/871 CAL



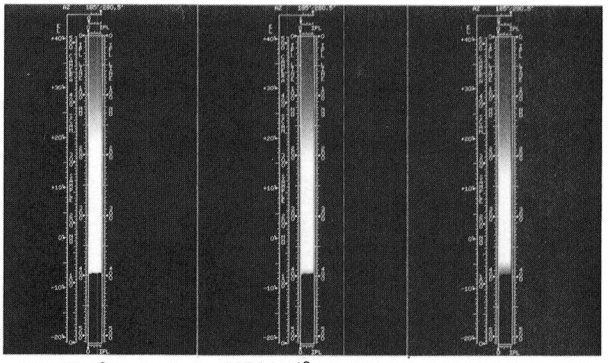
22I007/872 BLU

22I007/872 GRN

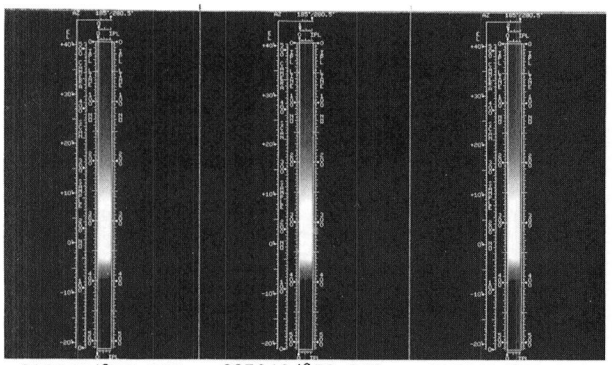
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22I008/872 IR3 22I008/872 IR2 22I008/872 IR1



22I009/872 BLU 22I009/872 GRN 22I009/872 RED



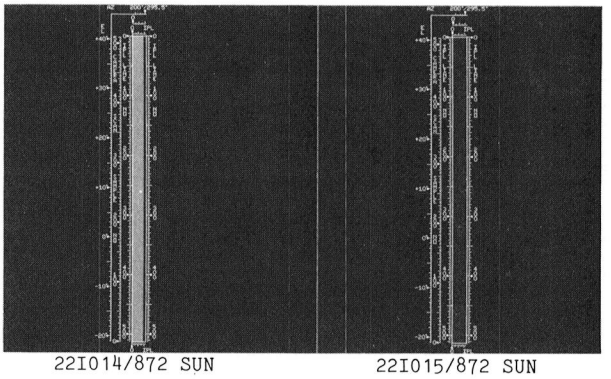
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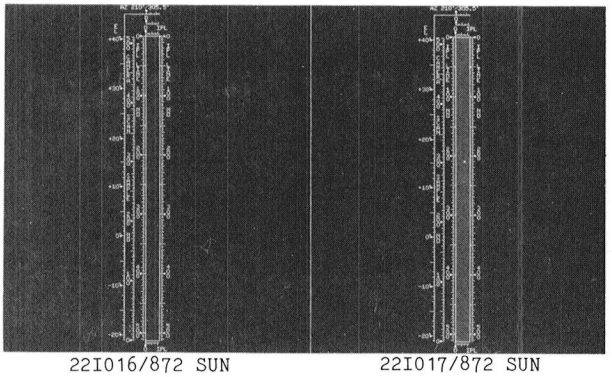
22I011/872 SUN 22I012/872 SUN



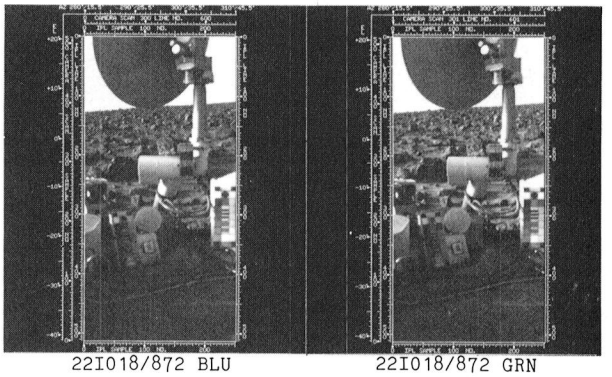
21I013/872 BB4



22I014/872 SUN 22I015/872 SUN

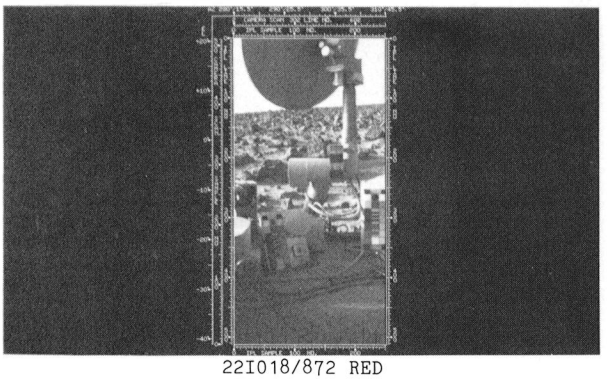


22I016/872 SUN 22I017/872 SUN

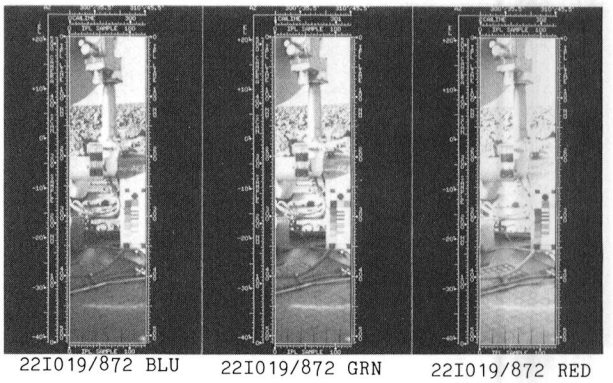


22I018/872 BLU 22I018/872 GRN

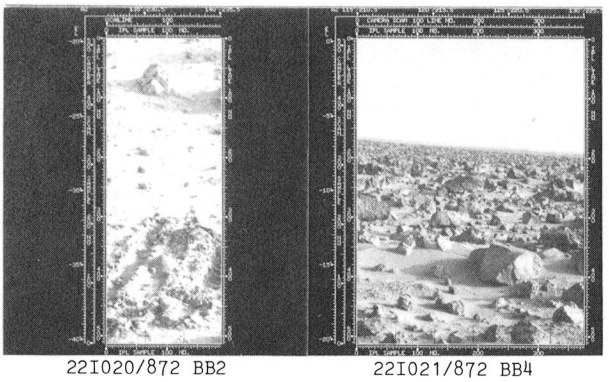
VL-2



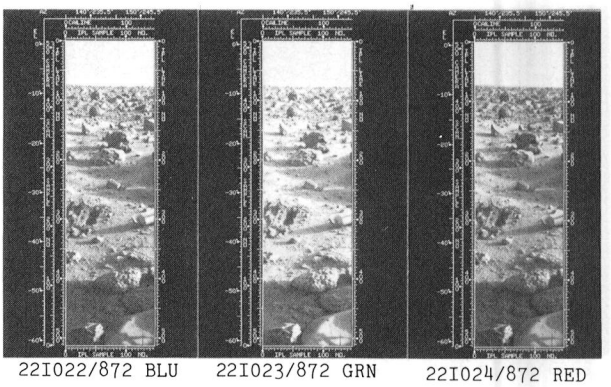
22I018/872 RED



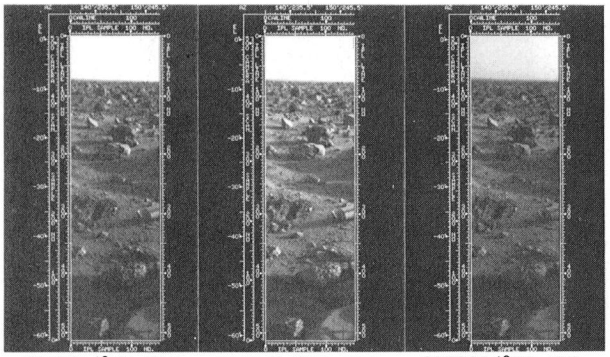
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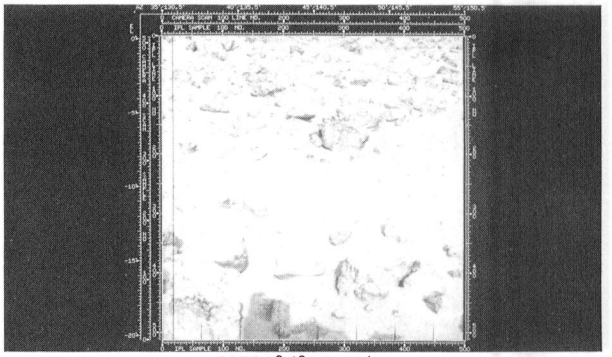
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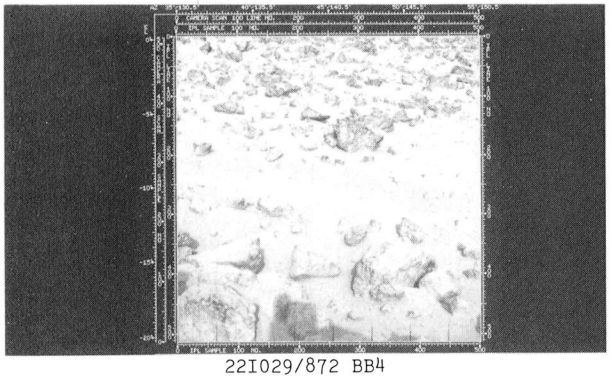
22I022/872 BLU 22I023/872 GRN 22I024/872 RED



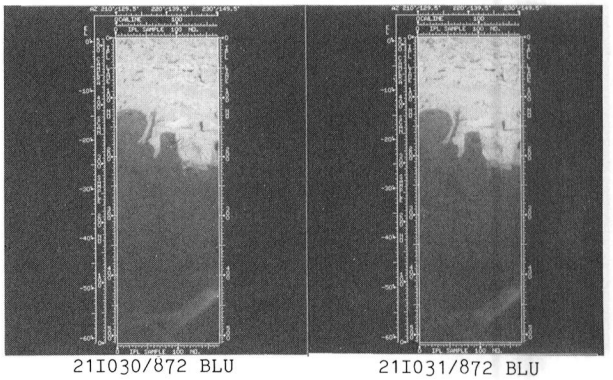
22I025/872 BLU 22I026/872 GRN 22I027/872 RED



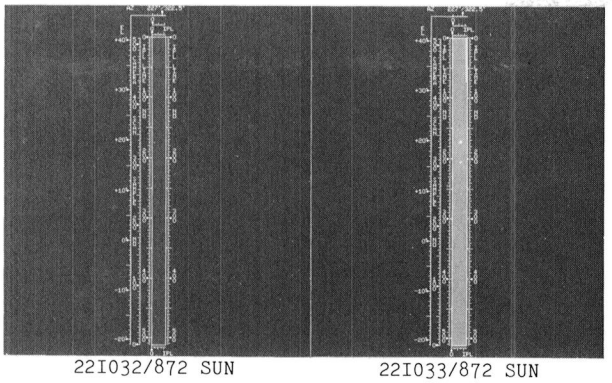
22I028/872 BB4



22I029/872 BB4



21I030/872 BLU 21I031/872 BLU



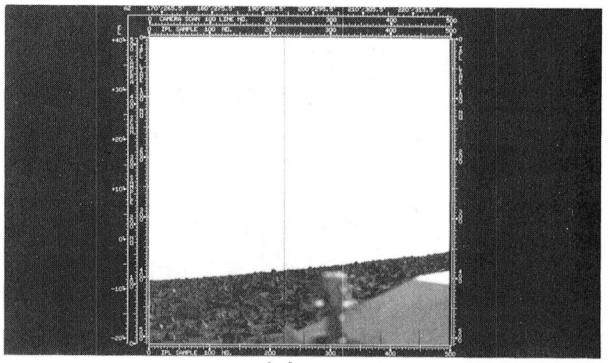
22I032/872 SUN 22I033/872 SUN



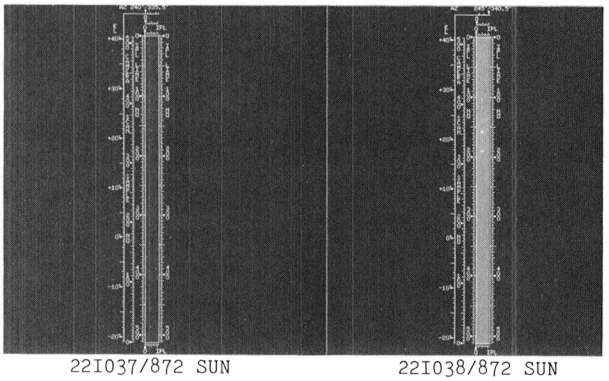
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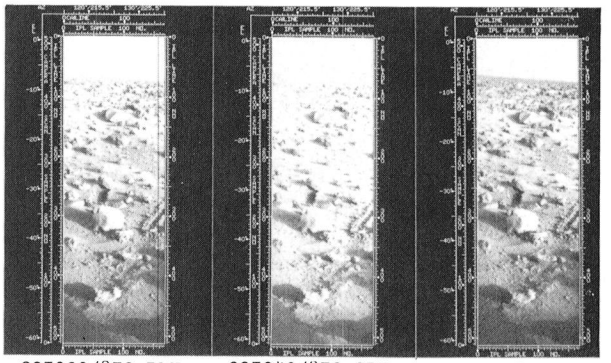
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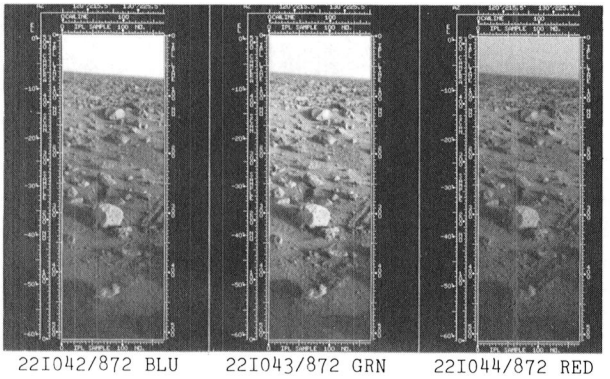
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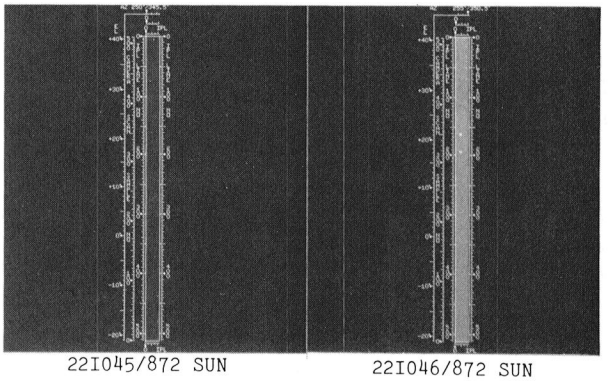
22I037/872 SUN 22I038/872 SUN



22I039/872 BLU 22I040/872 GRN 22I041/872 RED

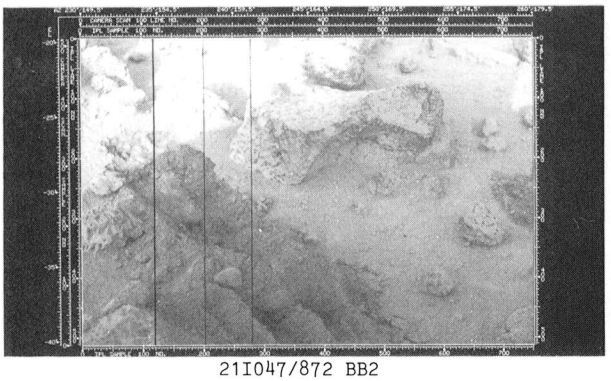


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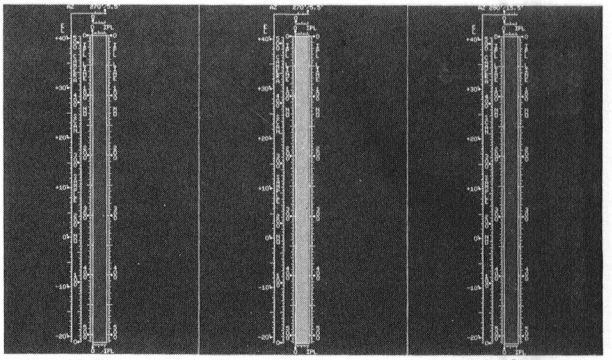


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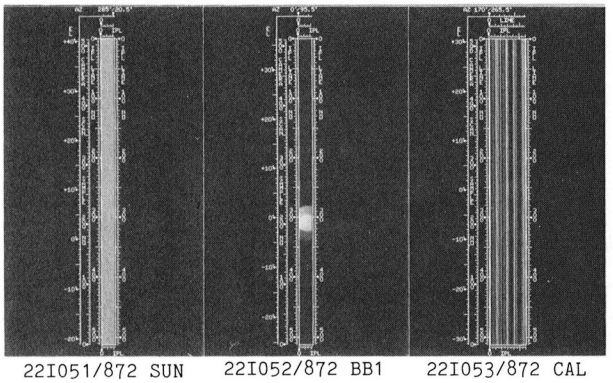
VL-2



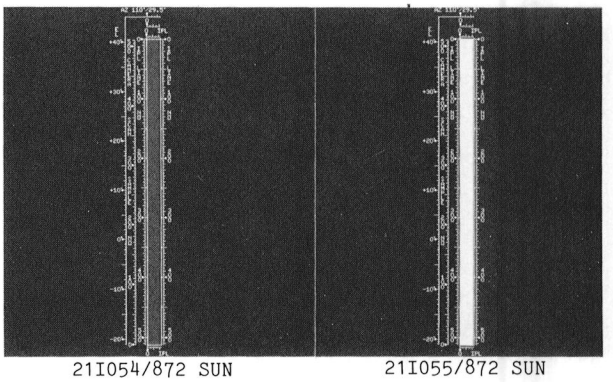
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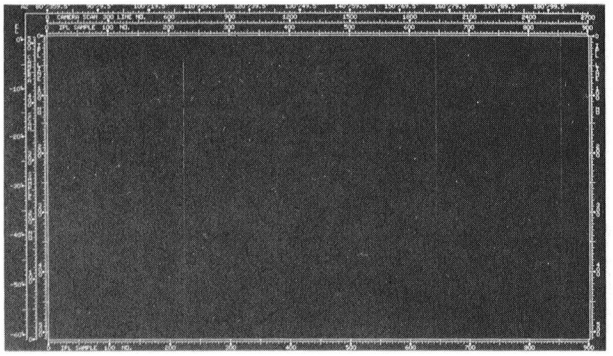
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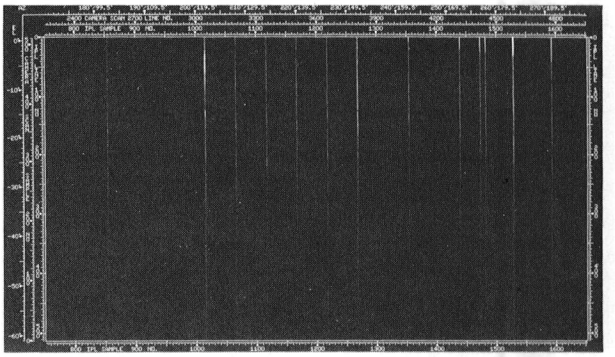
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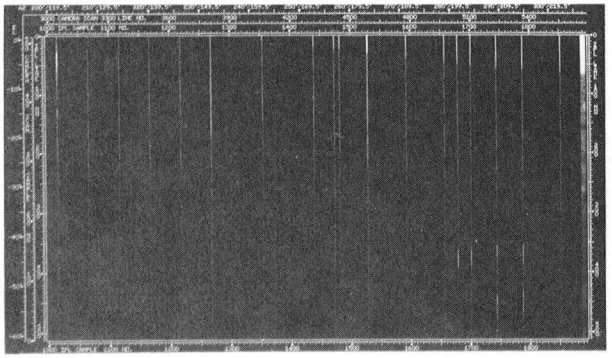
21I054/872 SUN 21I055/872 SUN



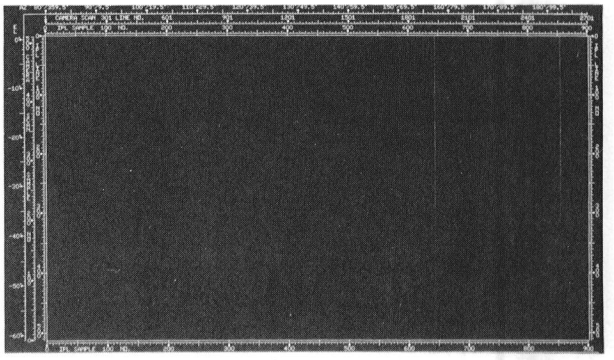
21I056/873 BLU 1/3



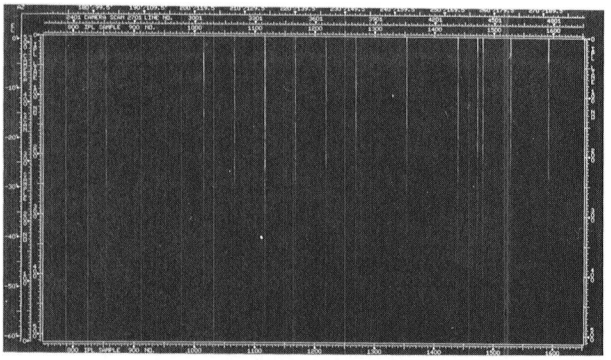
21I056/873 BLU 2/3



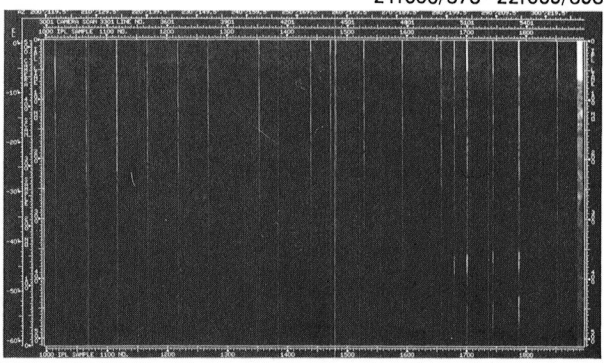
21I056/873 BLU 3/3



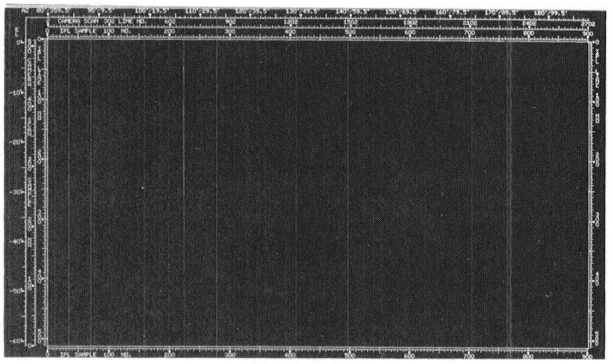
21I056/873 GRN 1/3



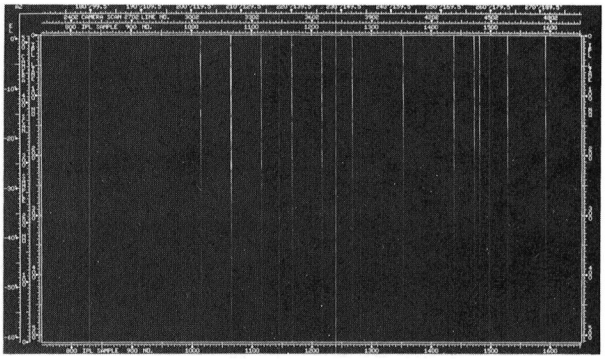
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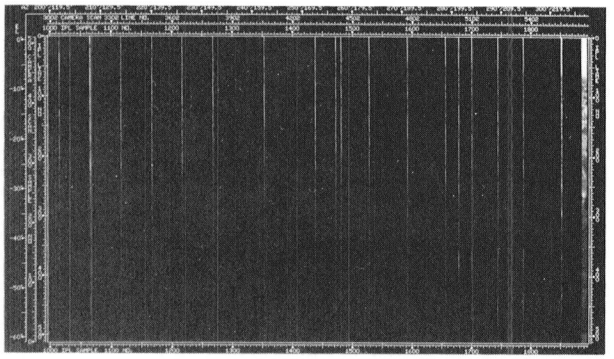
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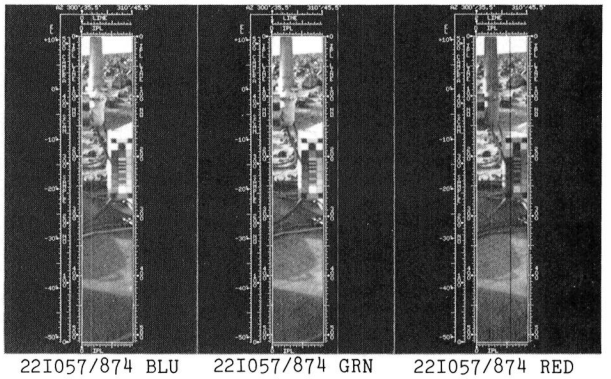
21I056/873 RED 1/3



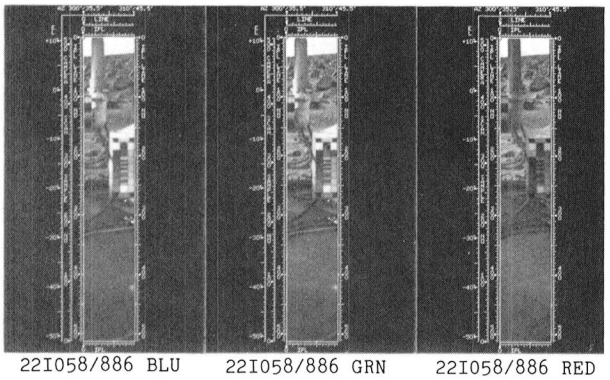
21I056/873 RED 2/3



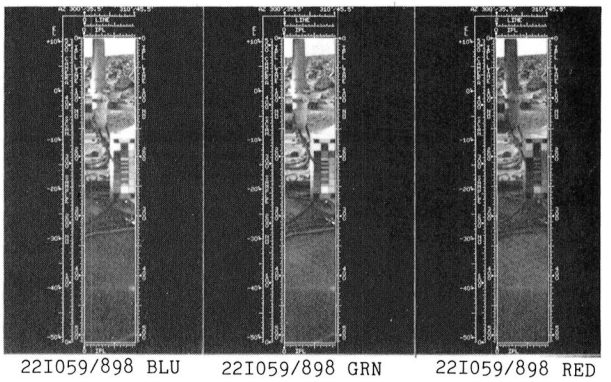
21I056/873 RED 3/3



22I057/874 BLU 22I057/874 GRN 22I057/874 RED

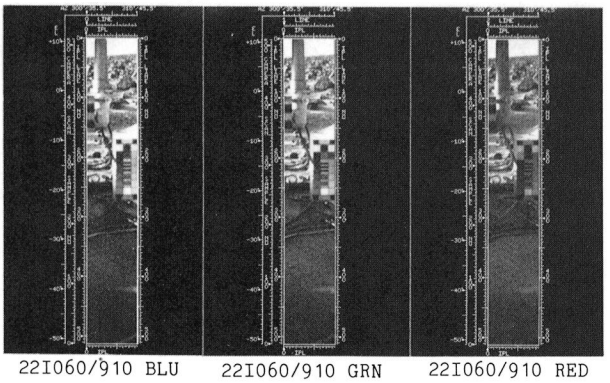


22I058/886 BLU 22I058/886 GRN 22I058/886 RED

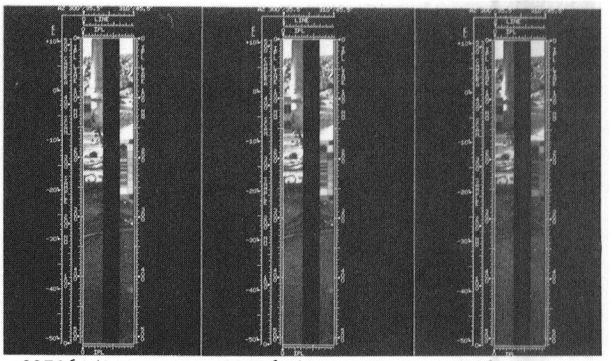


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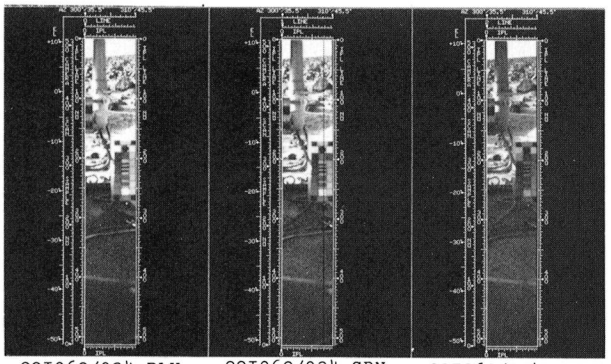
VL-2



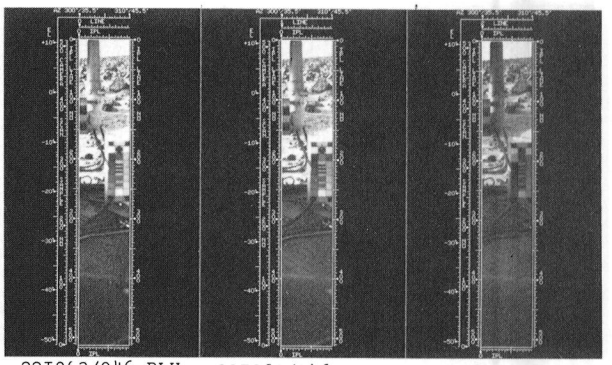
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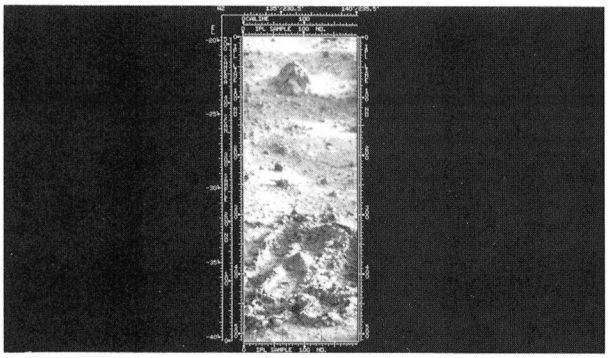
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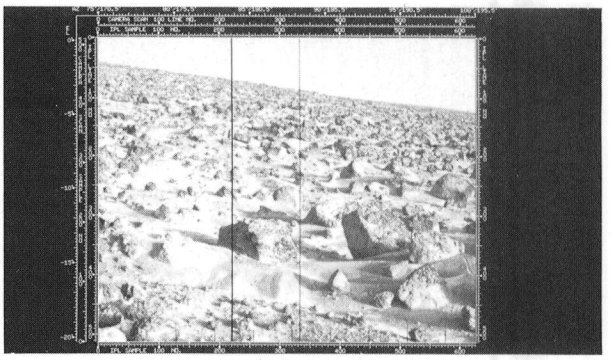
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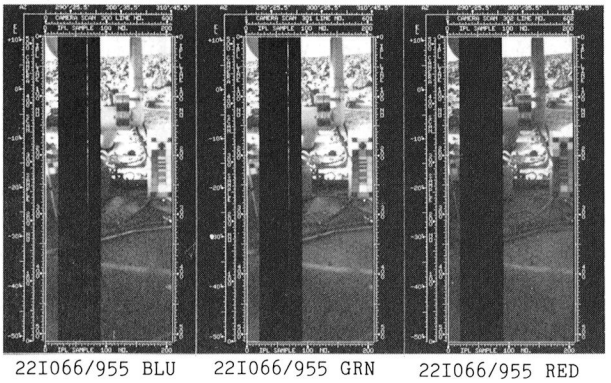
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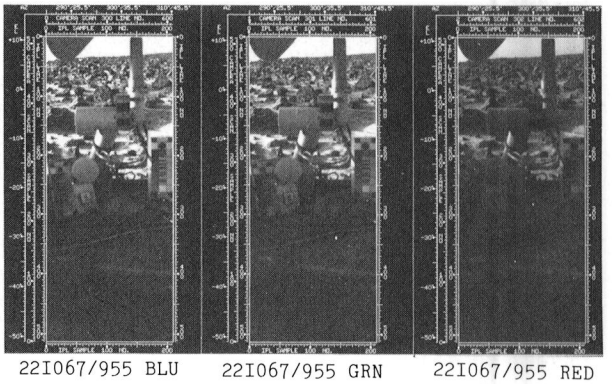
22I064/955 BB2



22I065/955 BB4



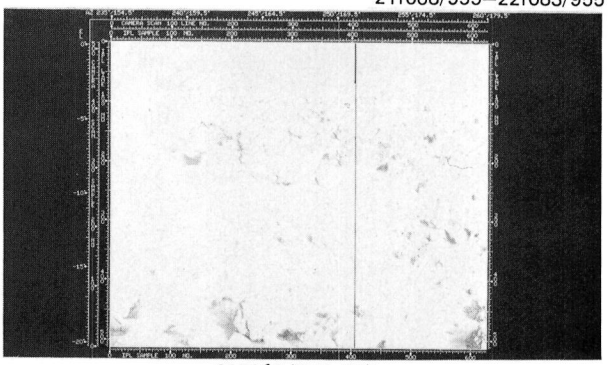
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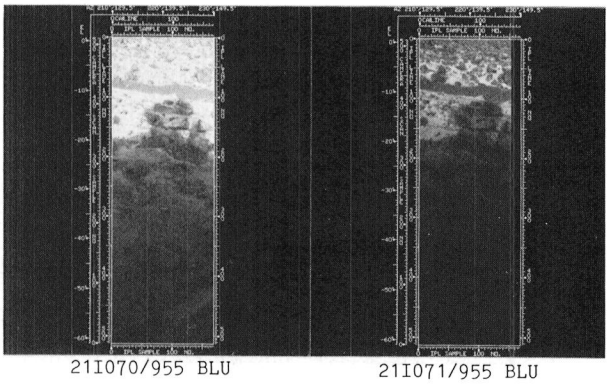
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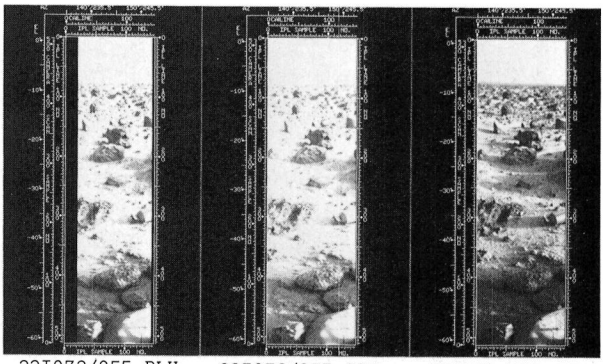
21I068/955 BB4



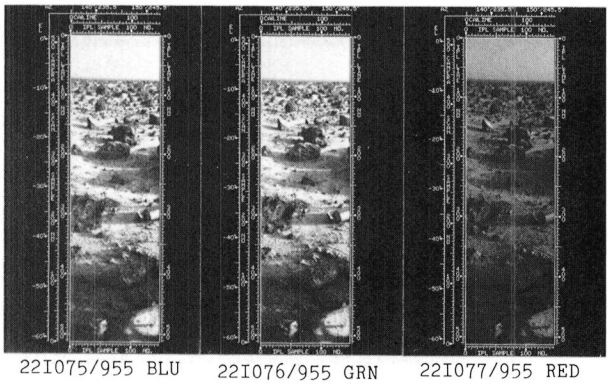
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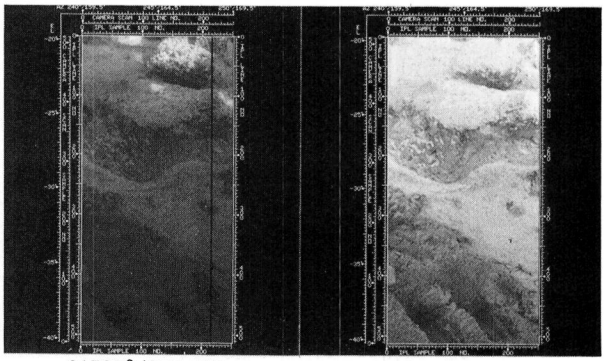
21I070/955 BLU 21I071/955 BLU



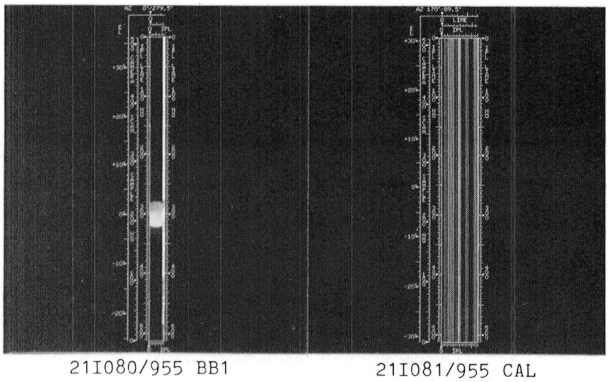
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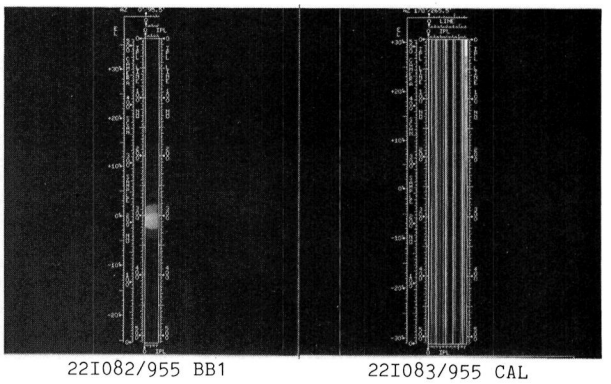
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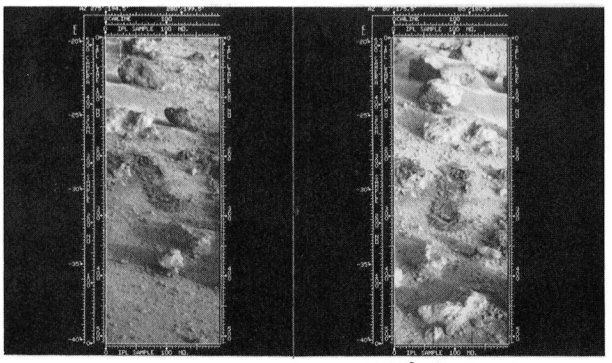


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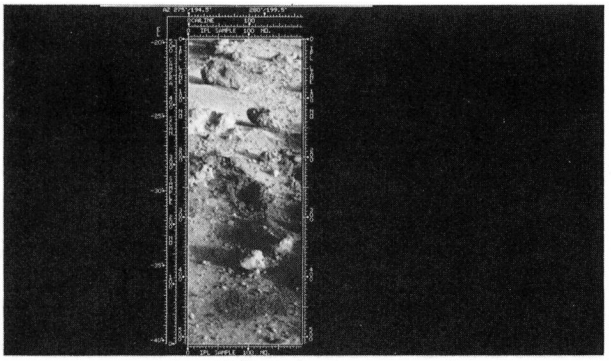
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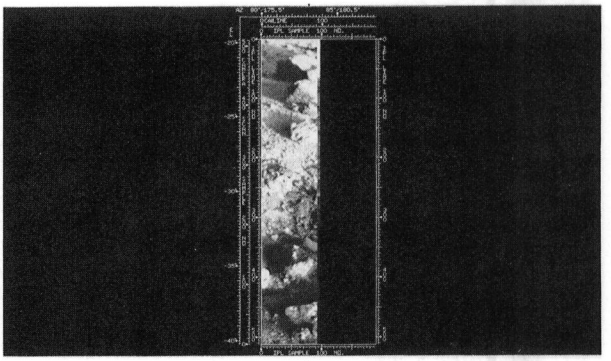
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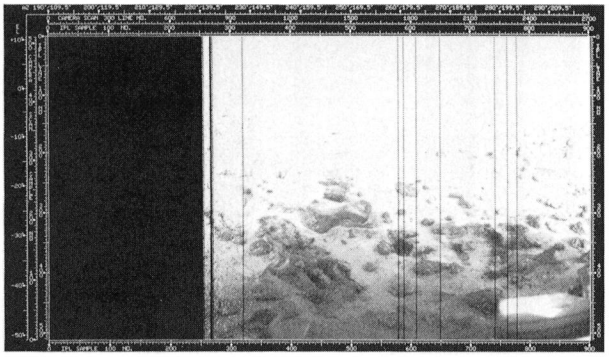
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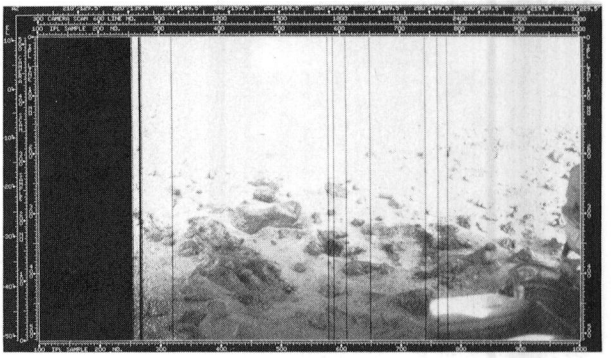
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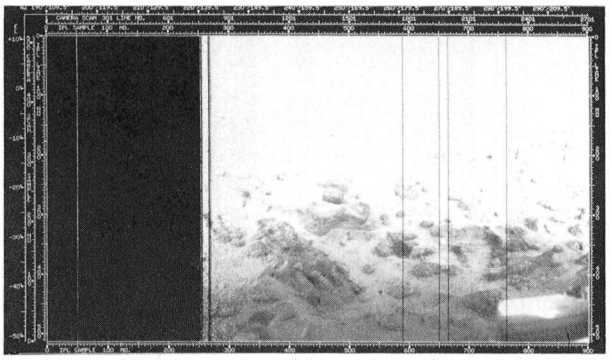
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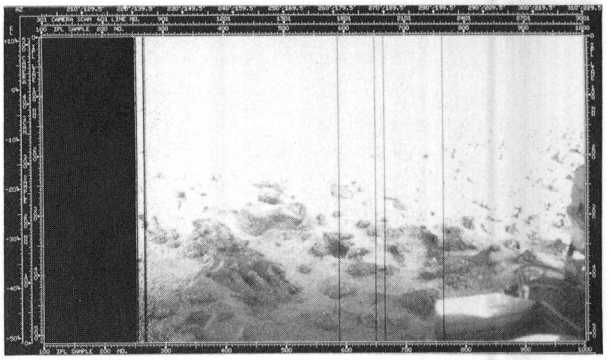
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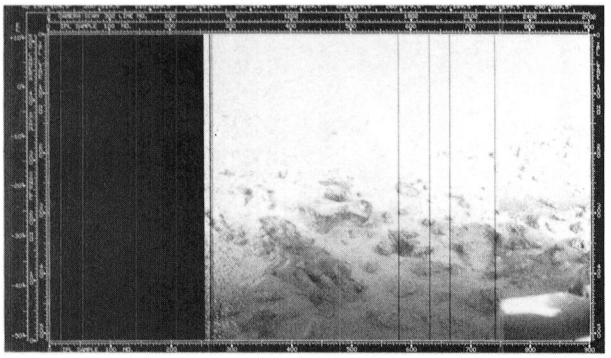
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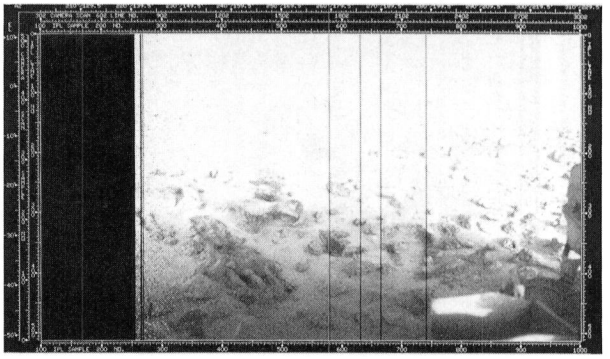
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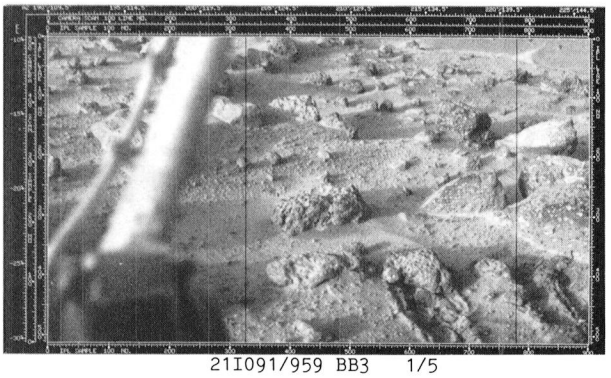
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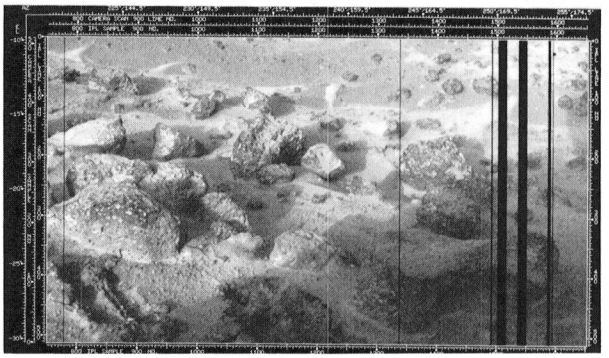
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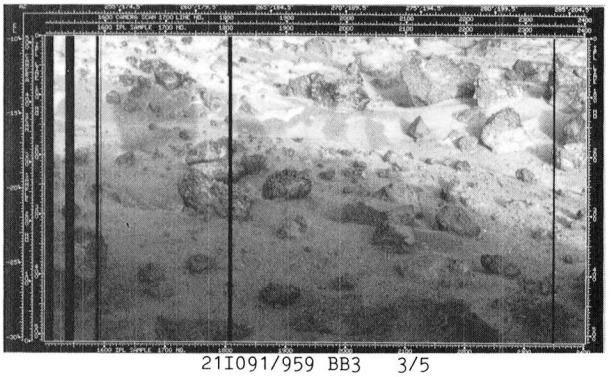
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21I091/959 BB3 1/5



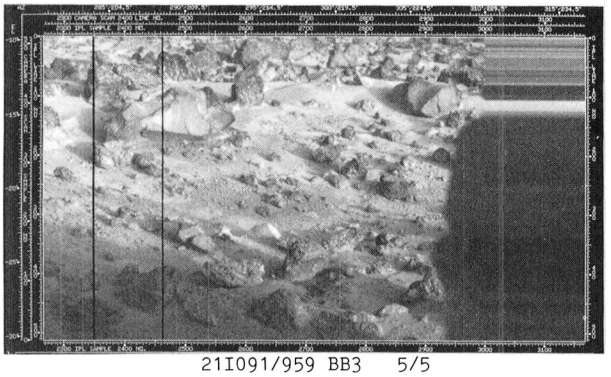
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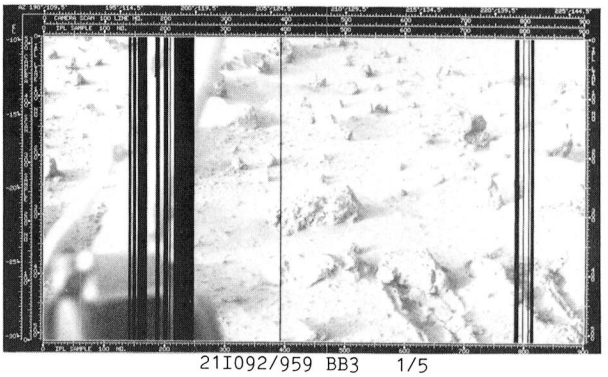
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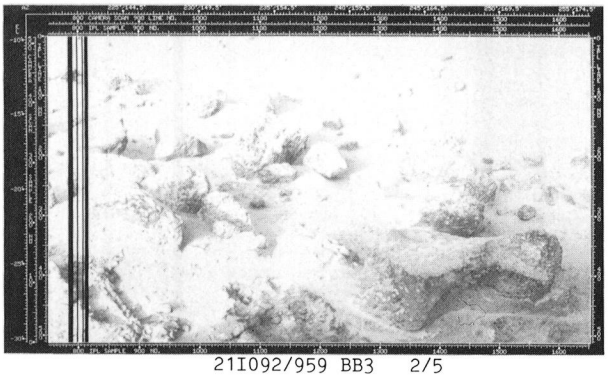


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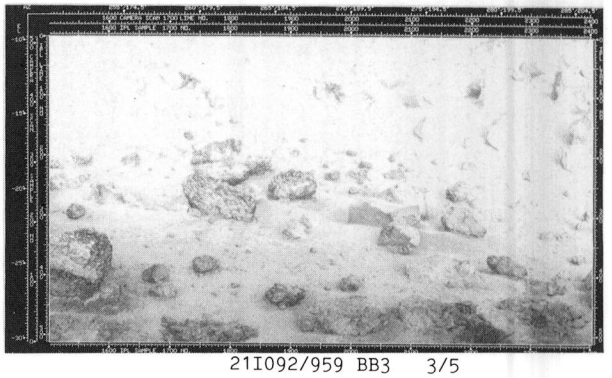


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VL-2



21I092/959 BB3 2/5



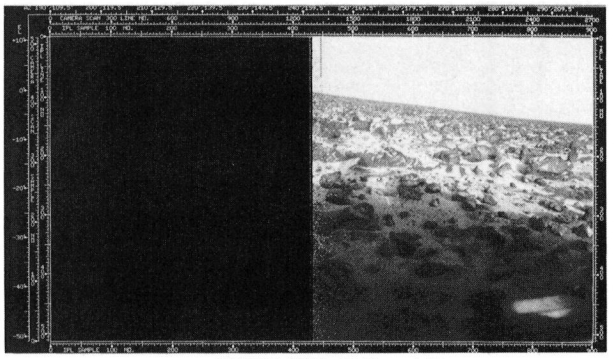
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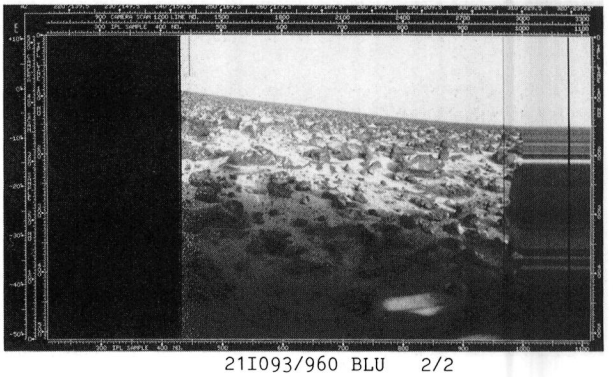
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21I093/960 BLU 1/2



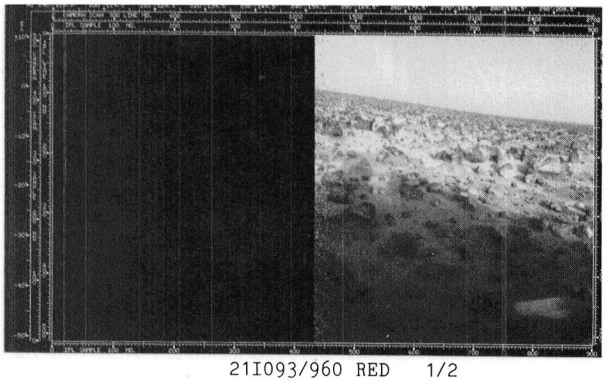
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22I094/960 BB4 1/5



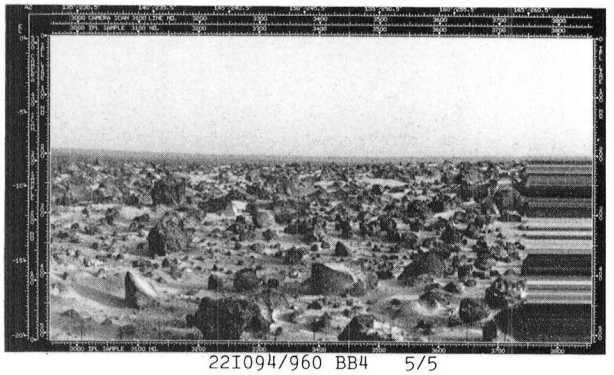
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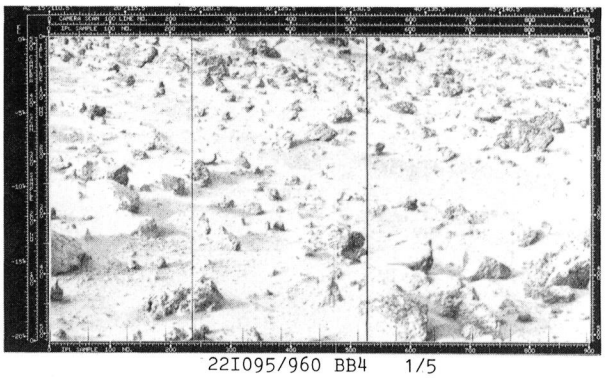
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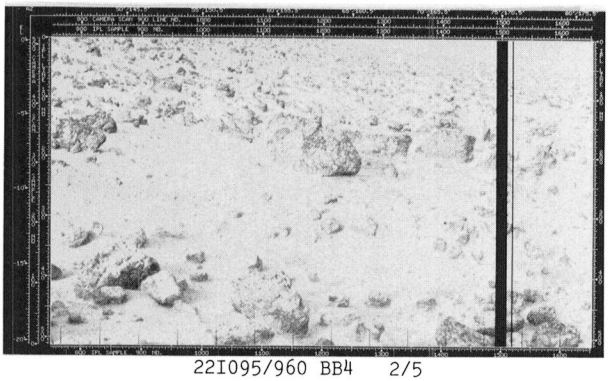


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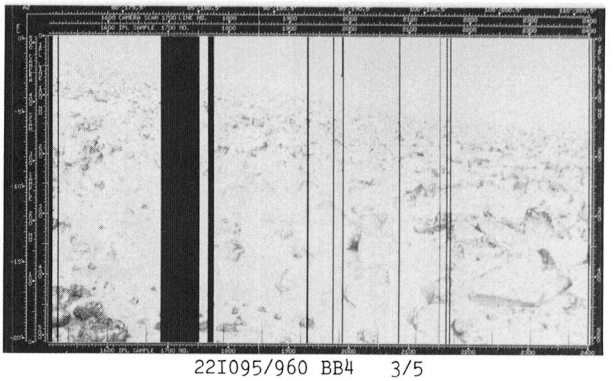


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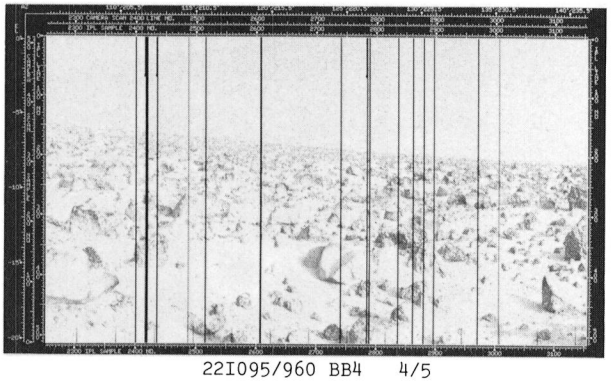
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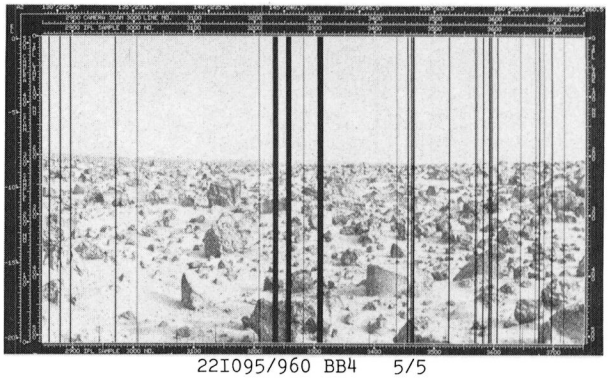
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22I095/960 BB4 3/5



22I095/960 BB4 4/5



22I095/960 BB4 5/5

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2. Snyder, Conway W.: The Extended Mission of Viking. J. Geophys. Res., vol. 84, no. B14, Dec. 30, 1979, pp. 7917-7933.

3. Huck, Friedrich O.; Burcher, Ernest E.; Taylor, Edward J.; and Wall, Stephen D.: Radiometric Performance of the Viking Mars Lander Cameras. NASA TM X-72692, 1975.

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5. Wolf, Michael R.; Atwood, David L.; and Morrill, Michael E.: Viking Lander Camera Radiometry Calibration Report. Publ. No. 77-62, Vols. I and II (Contract NAS 7-100), Jet Propul. Lab., California Inst. Technol., Nov. 1, 1977. (Available as NASA CR-155537.)

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NASA RP-1068		

4. Title and Subtitle	5. Report Date
VIKING LANDER IMAGING INVESTIGATION DURING EXTENDED AND CONTINUATION AUTOMATIC MISSIONS VOLUME II - LANDER II PICTURE CATALOG OF EXPERIMENT DATA RECORD	April 1981
	6. Performing Organization Code: 505-34-23-04
	8. Performing Organization Report No.: L-14054
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15. Supplementary Notes

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16. Abstract

All the images returned by the two Viking landers during the extended and continuation automatic phases of the Viking Mission are presented in the two volumes of this reference publication. Volume I is for Viking Lander 1 and Volume II is for Viking Lander 2. Listings of supplemental information which describe the conditions under which the images were acquired are included together with skyline drawings which show where the images are positioned in the field of view of the cameras. Subsets of the images are listed in a variety of sequences to aid in locating images of interest. The format and organization of the digital magnetic tape storage of the images are described. A brief description of the mission and the camera system is also included.

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